

PROCEEDINGS OF THE ROYAL ENTOMOLOGICAL SOCIETY OF LONDON

SERIES C. JOURNAL OF MEETINGS

VOLUME 14.

No. 12, 1950

REPORT OF THE COUNCIL, 1949

During the past year Council has continued its efforts to expand the Society's activities so far as present conditions, particularly financial considerations, allow, and the continued steady increase in attendance at General Meetings is most encouraging, the average attendance having been 81 as compared with 78 in 1948. Table space has now been provided in the meeting room where Fellows can display their exhibits for inspection before and after the formal meeting.

Meetings have ranged over a wide field of subjects, but special mention should perhaps be made of some few of them. In February the Society were the guests of the Society of Chemical Industry at a Joint Meeting with their Food Group in the rooms of the Royal Sanitary Institute, when Dr. C. G. Butler discussed the sense physiology and behaviour of the honey bee, and Mr. Pryce Jones spoke of the origin, composition and properties of honey. At the July meeting members of the staff of the Anti-locust Research Centre described the many lines of research which had been initiated by the Centre in connection with their work; and at the September meeting Dr. W. J. Hall gave an account of his visit to Zanzibar and Pemba earlier in the year, in connection with investigations into the causes of the outbreak of Sudden Death Disease in cloves there, and of plans for dealing with the situation.

The Society has had the pleasure of welcoming many visitors at its meetings, including many from overseas, among whom were Father Emile Licent, S.J., Director of the Hoang ho Pai ho Museum, Tientsin, a specialist in the JASSIDAE, Mr. Cheu Seh-Pong, also from China, Mr. E. C. Zimmerman from Hawaii, and Dr. L. Berger from Brussels.

Dr. Skat Hoffmeyer and Dr. L. R. Natvig, distinguished Danish and Norwegian Fellows of the Society respectively, were present at the October meeting.

During the year 3 Honorary Fellows (Dr. C. Ferrière, Dr. R. Jeannel and Prof. Karl von Frisch), 1 Special Life Fellow (Dr. G. Arnold), and 82 Ordinary Fellows have been elected, of whom 69 have completed their obligation. In addition, 13 Fellows elected in 1948 completed their obligation in 1949.

As against these increases the Society has lost during the year by death 1 Honorary Fellow (Professor F. Silvestri), 1 Special Life Fellow (Dr. A. D. Imms) and 12 Ordinary Fellows: A. Avinoff, M. S. Berkeley, S. A. Chartres,

W. Fassnidge, A. Fergusson, E. E. Green, W. G. Hawley, O. Hawkshaw, M. Hocken, N. Kemner, J. F. Marshall and H. Moore.

By resignation 18 (17) Fellows, namely: C. V. Adams, E. F. Gilmour, N. H. Glegg, Sir H. A. B. Harmsworth, R. F. Johnstone, A. Jones, R. R. U. Kaufmann, F. J. Killington, E. R. B. McCluggage, G. A. Matthews, P. W. Morison-Godfrey, J. A. Pringle, T. Ramchandra Rao, H. A. Saunders, E. Stanier, C. H. Stockley, A. M. Walton, A. E. Winter, and 5 (6) have been removed in accordance with the Bye-Laws, Chapter XVI, Section 3: D. N. Bhaduri, R. Burnett, T. L. Green, R. Stenton, J. A. Thompson.

On balance this has meant a net increase of 46 in the number of Fellows, which is most gratifying. The Society now consists of 7 Honorary Fellows, 12 Special Life Fellows and 887 Ordinary Fellows, a total of 906.

In respect of the Society's publications it is hoped that the year 1949 will prove a memorable one, in that it has seen the new series of *Handbooks for the Identification of British Insects* safely launched. In July the first three parts of the series were published. They have been well received, and will shortly be followed by three further parts which are already in the press.

The *Transactions* for 1949 (Volume 100) contain 16 papers, of which 3 deal with Lepidoptera, 3 with Hymenoptera, 2 with Coleoptera, 2 with Trichoptera, 2 with Diptera, 2 with Orthoptera, 1 with Ephemeroptera, and 1 with Odonata. The volume consists of 479 pages and is illustrated by 7 coloured and 3 half-tone plates. The Society is deeply indebted to Mr. R. W. Lloyd and the administrators of the E. B. Poulton Fund for the Study of Evolution for defraying the cost of the coloured plates illustrating Professor Carpenter's monograph on *Pseudacraea eurytus* L. with its many beautiful illustrations of the primary and secondary mimetic forms and several unique types. Very welcome assistance has again been received from the Royal Society, who defrayed almost the entire cost of the Rev. C. E. Tottenham's paper. Professor Roepke kindly provided the two plates illustrating his paper. The Society is most grateful for this assistance.

The *Proceedings* were continued in the usual three series as follows:

Series A (General Entomology). Volume 24 consists of 133 pages and contains 23 papers, illustrated by numerous text-figures.

Series B (Taxonomic Entomology). Volume 18 consists of 244 pages and contains 37 papers, illustrated by 1 coloured and 7 half-tone plates as well as text-figures. The Tsetse and Trypanosomiasis Research Institute kindly defrayed the cost of the coloured and half-tone plates illustrating the paper by Dr. F. L. Vanderplank.

Series C (Journal of Meetings). A part of *Series C* was sent to each Fellow in advance of meetings and a complete copy of the volume will be distributed with the last part.

Part 9 in the *Generic Names of British Insects* series, comprising the part by the Rev. C. E. Tottenham on STAPHYLINIDAE, was published in August.

The use of the Library has been maintained and increased during the year, the number of books borrowed being 1501 (1314), and the number of Fellows borrowing books being 763 (703); 154 (153) books were lent to the National Central Library. (The numbers in brackets throughout the report indicate the corresponding figures for the previous year.)

Good progress has been made with binding and the arrears of cataloguing of separates. During August the books were vacuum cleaned. Detailed consideration was given to the long-standing proposal to publish a new printed Catalogue of the Library, and Council are grateful to Mr. Townsend, Librarian of the British Museum (Natural History) for his valuable help and advice in

this matter. It was concluded that with the increasingly specialized approach to entomology an author catalogue such as had been planned would not be of sufficient use to the general body of Fellows as to justify the heavy financial outlay. It was therefore decided to abandon the idea of printing such a catalogue and to make the funds accumulated to this end available for improving the Library and its services to Fellows, or for general purposes. A list of the serial publications available in the Library is being prepared.

Much of the detailed business of the Society has, as hitherto, been conducted by the Finance and House Committee under the Chairmanship of Dr. A. M. Massee, and the Publication and Library Committee under the Chairmanship of Dr. T. H. C. Taylor, for whose advice and interest the Society is very grateful. The Committee on Generic Nomenclature was, at its own request, reconstituted as the Society's Nomenclature Committee, with the same terms of reference as the former committee, the chairmen of sub-committees and officers of the Society being *ex-officio* members.

The Committee for the Protection of British Insects, has, through the kindness of the owner, obtained a measure of control over an area in Cornwall where *Maculinea arion* is now being preserved. The committee is continuing its efforts to preserve *Scopula immorata* in Sussex, *Melitaea cinxia* in the Isle of Wight, and *Aplasta ononaria* in Kent. Early in the summer attention was drawn to the threat to *Eucnaemidophorus rhododactylus* in Kent, where it occurs on Admiralty property. The authorities proved most sympathetic and have co-operated readily in safeguarding this and other insects occurring in the area. Cordial relationships have been established with the Forestry Commission in attempts to preserve the natural character of certain woodland areas of entomological interest in Kent and the War Department in respect of the firing ranges at Dungeness.

The committee has been disturbed by the proposal to drain Freshwater Marsh in the Isle of Wight which is the only known locality for the newly discovered moth, *Sedina bittneri*. Negotiations with the local authority are proceeding and the committee is indebted to Nature Conservancy and the Fellows of the Society who have watched the committee's interests on the spot.

An experiment was commenced this season to establish *Lycaena dispar batavus* at Wheatfen in Norfolk.

The Chairman of the committee, as the Society's representative on the National Trust and Local Committee of Management of Wicken Fen, has kept in close touch with the reserves at Wood Walton Fen and Wicken Fen, and the committee continue to maintain contact with the National Trust and the Society for the Promotion of Nature Reserves. The Society is now affiliated to the International Union for the Protection of Nature.

Council is happy to report that preliminary discussions with the newly inaugurated Nature Conservancy have disclosed several possible lines of fruitful co-operation. Consideration is being given to a proposal to prepare faunal lists based on the Watsonian Vice-County system.

The recommendations of the Scientific Information Conference organized by the Royal Society in 1948, at which the Society was represented by Dr. C. B. Williams, were submitted to Council for consideration and the Royal Society were duly informed of their opinions on the various proposals raised.

With regard to representation on outside organizations, Dr. C. B. Williams and Mr. A. J. A. Woodcock acted as the Society's delegates to the meeting of the British Association. The Society has maintained its association with the Biological Council and has again been represented at most of its meetings by Dr. J. W. Evans. As a result of these meetings it is expected that an Institute of Biology will shortly be established.

Lieut.-Col. F. C. Fraser has replaced the late Mr. W. Fassnidge as the Society's representative on the New Forest Joint Committee.

The Society's premises are still used as the Publication Office of the International Commission on Zoological Nomenclature, and, of course, we are still fortunate in enjoying in innumerable ways the co-operation of our tenants, the Commonwealth Institute of Entomology.

During the year the Eltringham Microscope was lent to the Rev. E. J. Pearce ; the instrument has now been returned.

As anticipated, the exterior repair and redecoration of the Society's premises was put in hand in the spring. In the summer it was decided to make a start on the interior work necessary to restore the house, and opportunity was taken to make certain improvements, particularly in regard to cloakroom accommodation. This work has now been completed.

Council believe that Fellows will agree with them that the year which has just elapsed has not been wasted.

TREASURER'S REPORT

Mr. A. Welti said :

For the eighth year in succession I am presenting the Annual Accounts of the Society to you.

Whenever the time comes to draft the Treasurer's Report, thoughts naturally arise that, after all, something should be said of Entomology. Good fellowship, woodland scenery and sunny days, but also clouds and storms, and then treacle and beer and rum all come to mind, but as the day approaches, the latter are dissipated and facts and figures fill the stage. In the end the report follows conventional lines.

The main achievement of the past year has been the repair and redecoration of our building. Of the cost, about £3,000 has still to be met. In the past few years a reserve has been built up, but charges have increased, and the improvements which we have tried to make will place a strain on the finances in this coming period. To help meet this, £350 has been allotted in General Fund for Repairs. Values of all investments, including ours, have declined. It is a bad time to be forced to realize, and impossible to do so without forfeiting part of our capital. Our investments cost us £9,133, but to-day's value is £8,243, a nominal loss of roughly £890, or 10 per cent. The idea of publishing a Library Catalogue having been abandoned, the money set aside for this can now be used for other purposes. The sum involved is £1,100, which has been transferred from the Special Publications Fund to the Reserve Fund.

You have heard in the Council's Report of the publication of the first Handbooks of the Insect Fauna of Great Britain. We owe sincere thanks to the Royal Society for their donations which have enabled this start to be made. As these parts have been so well received, it may be hoped that in the course of time an increase in the number of subscribers will ultimately make this account self-supporting. This is a most important enterprise, and if more Fellows of our Society would indicate their willingness to purchase the whole series, and not only those sections in which they are especially interested, this would relieve the financial burden.

In addition to the donations to our Handbooks there have been several other donations towards our general publications for which the warm thanks of the Society are due. Without these gifts and with the present extremely high cost

of publishing, the volume of our *Transactions* for 1949 would have made a poor showing as compared with what Fellows have received.

When you have had time to study the figures of the Accounts now laid before you, you will observe that general expenditure tends to increase. The cost of binding the books and maintaining our Library is still very high. The printers of our publications have quite recently notified us of a further increase in the costs of printing.

Income from interests on Investments and the Post Office Savings Bank are £100 less than in 1948. The sum total of our income is £6,789, which is £163 less than last year. Sales of publications have realized £70 less, but, as you have heard, the number of our Fellows has increased to over 900. Will everyone of you please try to bring the number up to 1,000 in the present year? Every increase in the number of Fellows is an advantage.

In the "good old days" when our Society was far smaller and composed almost exclusively of amateurs, the happy Treasurers, so I am told, benefited from kindly disposed Fellows who generously gave more than the fixed annual subscriptions. May I dare to say that I hope this spirit will be revived in 1950 and that many Fellows may find themselves able to help in such a public spirited way? Remember, many a mickle makes a muckle. You all know what I mean. This is no electioneering appeal, but the more you vote for mickle or muckle the better! If Fellows could see their way to pay their 1951 subscriptions in advance this would assist in meeting all the additional expenditure we are having just now, and whereby we could avoid being forced to realize our investments disadvantageously.

May I say "Thank you" to our President and to Dr. Massee, the Chairman of the Finance Committee, and to all its members for the help they have given during the past year. I also express my gratitude to our Registrar and to all the staff for their assistance, thanks to which all the financial work of the Society has run so smoothly. The initiation of the sale of the *Handbooks* has given a great deal of additional work and the staff is to be congratulated in having mastered it all so well.

The accounts show a credit balance of £15 12s. 1d., which in view of the difficulty of the times is satisfactory.

You will be glad to see the name of Messrs. W. B. Keen & Co., our Auditors, at the foot of the Accounts, a guarantee of their accuracy and correctness.

THE ROYAL ENTOMOLOGICAL SOCIETY OF LONDON

STATEMENT OF INCOME AND EXPENDITURE for the Year ended 31st December, 1949.
(Presented at the Annual Meeting, 18th January, 1950)

INCOME.			EXPENDITURE.		
£	1948.	£ s. d.	£	1948.	£ s. d.
To Subscriptions—			By House Expenses—		
116	Received in advance for 1949 ..	97 8 3	373	Wages ..	423 16 7
2,373	Received in 1949 for 1949 ..	2,461 19 9	124	Fuel, Gas and Electric Light ..	107 9 10
89	Received in 1949 for previous years ..	74 11 0	37	Insurance ..	37 14 7
2,578	Less Subscriptions in arrears at 31st December, 1948, valued at ..	2,633 19 0	26	Water ..	26 8 0
50		75 0 0	750	Repairs Fund—Transfer ..	359 0 0
2,528		2,558 19 0	66	Miscellaneous ..	34 12 6
75	Add Subscriptions in arrears at 31st December, 1949, valued at ..	100 0 0	1,376		980 1 6
2,603	Transfer from Capital Reserve Fund—Dividends and Interest on Investments (gross) ..	2,658 19 0		Office—	
463	Publications—	376 6 10		Salaries ..	1,187 16 8
2,808	Sales .. from .. Library Fund—	2,737 17 8		Printing and Stationery ..	125 15 0
325	Value of Exchanges ..	360 0 0		Postage and Telephone ..	115 16 3
3,133	Sub-Tenants—	3,097 17 8		Audit Fee ..	31 10 0
262	Rent ..	262 0 0		Superannuation ..	10 0 0
343	Contributions to House Expenses ..	359 1 7		Miscellaneous ..	78 14 9
605	Interest—Post Office Savings Bank ..	621 1 7		Library Fund—	1,549 12 8
100	Bequest by the late Hugh Main, Esq.	34 10 4		Transfer ..	541 13 6
				do. towards arrears of Binding ..	125 15 0
				do. value of Exchanges ..	360 0 0
				Publications ..	3,721 3 0
				£380 Less Grant and Donations ..	502 10 4
				14 Westwood Bequest ..	502 10 4
					3,218 12 8
				Transfer to Special Publications Fund for Library Catalogue ..	—
				Expenses of Conversazione—Commonwealth Entomological Conference ..	25 0 0
				Donations—	25 0 0
				Zoological Record ..	15 0 0
				International Trust for Zoological Nomenclature ..	5 0 0
				Biological Council ..	5 0 0
				Wicken Fen Fund ..	3 3 0
				Committee for the Protection of British Insects ..	73 3 0
				Transfer to Capital Reserve Fund for Staff Provident Pensions ..	50 0 0
				Excess of Income over Expenditure carried to Balance Sheet ..	15 12 1
					£6,788 15 5

BALANCE SHEET. 31st December. 1949.

CAPITAL RESERVE FUND.

[illegible]

TRUST FUNDS.

HAMILTON DRUCE BEQUEST FUND— As at 31st December, 1948		£	s.	d.	£	s.	d.
..	..	..	..	..	1,095	15	6
<hr/>							
HAMILTON DRUCE BEQUEST— Investments							
£406 2s. 2d.	Mersey Docks and Harbour Board	3½ %					
..	Dependure Stock 1970/80 at cost	..			418	11	6
£593 17s. 10d.	ditto transferred from Capital Reserve	..					
..	Fund in 1946 at Market Value	..			610	4	6
..	(Market value at date £905.)	..					
<hr/>					1,028	16	0
<hr/>							
Balance at Bank—							
..	Post Office Savings Bank	..			£44	10	4
..	Current Account	..			22	9	2
<hr/>					66	19	6
<hr/>							
WESTWOOD BEQUEST— Investment at cost—							
£239 12s. 4d.	Birmingham Corporation	3 %	Stock,				
1947	..	..	..	
..	(Market value at date £191.)	..	..		
<hr/>					250	0	0
<hr/>							
WESTWOOD BEQUEST FUND— As at 31st December, 1948							
..	..	..	..	..	1,345	15	6
<hr/>							
£1,345 15 6							

(Sqd.) ARTHUR WELTI, Hon. Treasurer.

We have examined the foregoing Balance Sheets and Accounts with the Books and Vouchers of the Society, and certify them to be in accordance therewith. We have verified the Investments and Bank Balances and the Solicitors have certified to us that they held the Deeds of No. 41 Queens Gate for safe custody on behalf of the Society.

*Finsbury Circus House,
Blomfield Street,
London, E.C.2.
12th January, 1950.*

(Sgd.) W. B. KEEN & Co.,
Chartered Accountants.

COMMITTEE FOR THE PROTECTION OF BRITISH INSECTS.

RECEIPTS AND PAYMENTS ACCOUNT for the year ended 31st December, 1949.

RECEIPTS.		PAYMENTS.	
	£ s. d.		£ s. d.
To Balance at Bank 1st January, 1949	12 3 10	By Expenditure on Preservation of <i>M. arion</i> , <i>L. dispar</i> and <i>S. butlineri</i>	16 11 0
Donations	8 18 0	Balance at Bank 31st December, 1949	4 10 10
			<u>£21 1 10</u>

(Sgd.) H. M. EDELSTEN, *Hon. Treasurer.*

We have audited the above Account of Receipts and Payments and certify it to be correct.

*Finsbury Circus House,
Blomfield Street,
London, E.C.2.
12th January, 1950.*

(Sgd.) W. B. KEEN & Co., *Chartered Accountants.*

WICKEN FEN FUND.

RECEIPTS AND PAYMENTS ACCOUNT for the year ended 31st December, 1949.

RECEIPTS.		PAYMENTS.	
	£ s. d.		£ s. d.
To Balance at Bank 1st January, 1949	2 11 6	By Printing, Stationery and Postage	.. ..
Donations	61 7 6	Donation to the National Trust	.. ..
		Balance at Bank 31st December, 1949 .. ..	.. ..
			<u>£63 19 0</u>

(Sgd.) H. M. EDELSTEN, *Hon. Treasurer.*

We have audited the above Account of Receipts and Payments and certify it to be correct.

*Finsbury Circus House,
Blomfield Street,
London, E.C.2.
12th January, 1950.*

(Sgd.) W. B. KEEN & Co., *Chartered Accountants.*

THE PRESIDENT'S REMARKS

LADIES AND GENTLEMEN,

It is my first duty to say something of the Fellows who have died during the past year.

A. AVINOFF, in earlier days, had been a man of very considerable means at the Court of the Tsar; he had made extensive journeys in Central Asia and had amassed a private collection of the butterflies of those regions which was probably second only to the Romanoff collection. On the outbreak of the revolution Avinoff fled to America and after working for a time as an artist he secured a post in the Carnegie Museum, Pittsburg, of which he eventually became Director. He published a number of short papers, all on Rhopalocera, mostly Central Asian, but some on the butterflies of Jamaica. He had been a Fellow since 1913; a very charming and cultured personality.

M. S. BERKELEY, of Kenya, who died during 1949, joined the Society in 1937.

S. A. CHARTRES joined the Society in 1938; he died in December, 1948.

W. FASSNIDGE was born at Chesham, Bucks, in 1888. For many years he was a schoolmaster at King Edward VII School at Southampton. He travelled widely on the Continent and frequently contributed to the entomological journals of this country and of France. He made an extensive collection of Palaearctic Lepidoptera, but his chief interest was in the Microlepidoptera. He was responsible for a County List of the Lepidoptera of Hampshire, and represented the Society on the New Forest Joint Committee. His death was hastened by a serious injury received during training in the Home Guard in 1942; he died on the 19th April, 1949, having been a Fellow since 1925. Apart from his Lycaenids and Microlepidoptera, his collections of insects will pass to the British Museum.

A. FERGUSSON, who joined the Society in 1918, was a well-known Scottish Coleopterist. He was responsible, among other writings, for the article on Coleoptera in the British Association Handbook for Glasgow and the West of Scotland in 1901. He died in January, 1949, at the age of seventy-one.

E. E. GREEN was born in Ceylon on 20th February, 1861. His father was a planter, and after being educated in England he returned to Ceylon, at the age of nineteen, to assist in the management of his father's plantations. He soon became interested in the Coccid and other pests of coffee and tea. In 1897 he was appointed Honorary Entomologist to the Ceylon Government. Two years later he was appointed Government Entomologist and remained in Ceylon in that capacity until 1913. His retirement in this country was the beginning of a new career and he soon became an international authority on the Scale Insects. Besides his monumental work on the COCCIDAE of Ceylon he published more than four hundred papers. Green was President of the Society in 1923-24, Vice-President in 1915 and 1925, and served twice on the Council. He died on July 2nd, 1949.

O. HAWKSHAW, who died in September, 1949, at the age of eighty had been a Fellow of the Society since 1913.

M. HOCKEN spent a busy life in general medical practice in Suffolk. He was interested for many years in the TORTRICIDAE, but in 1941 he took up the study of the TIPULIDAE, joined our Society in 1943 and published in the *Transactions* of the Suffolk Naturalists' Society, of which he was long an active member, a list of the TIPULIDAE of that county. He died at the age of sixty-two.

A. D. IMMS died at his home in Sidmouth on 3rd April, 1949. He was born near Birmingham in 1881, and after graduating at Birmingham University he

proceeded to the B.A. research degree at Christ's College, Cambridge. In 1907 he became the first Professor of Biology in the University of Allahabad and later Forest Zoologist to the Indian Government. Returning to England in 1913 he was appointed Reader in Agricultural Entomology in the University of Manchester, and later Chief Entomologist at Rothamsted Experimental Station. In 1931 he was appointed to the new Readership in Entomology at Cambridge, where he remained until his retirement in 1945. Imms published some first-class original research work, notably that on the termites; but the outstanding position which he attained was founded, in the main, upon his masterly text-books, notably his *General Text-book of Entomology*, his *Recent Advances in Entomology* and his *Insect Natural History*. Imms was elected a Fellow of the Royal Society in 1929 and was an honorary member of many foreign academies. He joined our Society in 1914, was President in 1936-37, Vice-President in 1920, 1930, 1935 and 1938, and served four times on the Council. In 1944 he was elected a Special Life Fellow.

N. V. A. KEMNER was elected a Fellow in 1940. Educated at the University of Lund, he became Director of the Entomology Section of the Zoological Institute in that University in 1930. He was at one time Secretary and later President of the Swedish Entomological Society, and founded in Lund the Journal, *Opuscula Entomologica*. His main interest was in Coleoptera and their larvae, but he published widely on the systematics and morphology of other groups of insects. He died in May, 1948, at the age of sixty-one.

J. F. MARSHALL was born in September, 1874; he was trained as an engineer, and was subsequently called to the Bar, and it was comparatively late in life that he became interested in entomology. His interest began in an attempt by engineering means to reduce the plague of salt marsh mosquitos which was preventing the development of Hayling Island in Hampshire. That was in 1920. In 1925 he built and equipped at his own expense the British Mosquito Control Institute, and this soon became a centre for research and propaganda on mosquito control in this country. Marshall became an authority on the British mosquitos, and in 1938 he produced his splendid monograph on that subject. Besides this he published a substantial amount of important original work on the mosquitos. Jack Marshall, as he was generally known, was elected a Fellow of the Society in 1922. He died in December, 1949.

H. MOORE, who died in September in his ninety-second year, had been a Fellow since 1899. He had been keenly interested in Natural History from his earliest years. Being in business in Deptford he came much in contact with seafaring folk, who brought him strange insects from abroad. For many years he was a well-known figure at meetings of the South London and of our Society.

L. W. NEWMAN, who was a Fellow from 1907-1942, was born at Singleton in Sussex in 1874. After a brief period in the tobacco trade, he established his famous Butterfly Farm at Bexley in Kent in 1892. He ran this business for fifty years, enjoying in increasing measure the hero worship of the schoolboy and the affection and respect of a wide circle of collectors. He was himself an admirable field naturalist and collector, brilliantly successful as a breeder of Lepidoptera and, by his geniality and integrity, he raised the calling of the dealer in insects to a level hitherto unknown. In 1913 he published, in collaboration with H. A. Leeds, the very useful compendium, *A Textbook of British Butterflies and Moths*. He died on 11th March, 1949.

F. SILVESTRI was born on 22nd June, 1873, and died on 2nd June, 1949. He was educated at the University of Palermo and was, for some time, an Assistant in the Laboratory of Comparative Anatomy in the University of Rome. For a short period he served as Head of the Department of Zoology in the Museum at Buenos Ayres from 1898-99. In 1904 he was appointed Director of the

Zoological Station at Portici, a position which he occupied until his death. He made expeditions to many parts of the world, usually in connection with the biological control of pests by the use of parasitic insects. His is one of the great names of entomology in our day, with a vast output of scientific work dealing with the most diverse groups of insects. Perhaps his work on myrmecophilic and termitophilic insects was the most outstanding. He attained many scientific honours and was elected an Honorary Fellow of our Society in 1931.

I have given you only the briefest factual statements on the life and work of these late Fellows. But some of them were our personal friends. I have read the published obituary notices of others, and have been moved by the affection and respect which these commonly record. I will ask you now to stand in silence for a moment in memory of these men.

You have done me the honour of electing me to a second year of office as your President. I intend therefore to defer my presidential address until next year, and I do not propose to speak at length on this occasion.

You have heard the Treasurer's Report and the Report of Council, and I think we may feel satisfied that the affairs of the Society are in a healthy state. We have expanded our activities most usefully in several directions; notably in the production of the *Handbooks for the Identification of British Insects*, an enterprise which is now safely launched—though it will require a good measure of hard work and determination to bring it to a successful conclusion.

As the Council hinted in their report, there are many other ways in which the Society might contribute to the well-being of Entomology in this country. Such activities require not only the expenditure of funds, which demands caution, but also the expenditure of energy and enthusiasm and, above all, *time* by devoted folk who are prepared to do the work.

These are rapidly changing times. The Society is changing with them, and we must look to it that while we welcome what is good in the new world we do not jettison the best of the old. An increasing number of those who are consumed with an abiding interest in insects become professional entomologists. It is good that they should join our Society and that it should become their forum and meeting place. At the same time we must do nothing to discourage the amateur who built up the science of entomology in this country during the first century after our foundation, and who is still, I am glad to say, a potent force in our Fellowship.

It is very striking how often the amateur collector, knowing his insects in the field, can throw light upon the problems that come up for discussion at our meetings. I think we should continue to regard these rooms as a market for the exchange of ideas among entomologists of every kind. It was for this reason that we decided to devote the greater part of this Annual Meeting to an informal conversazione for collectors.

LIST OF FELLOWS

OF THE

ROYAL ENTOMOLOGICAL SOCIETY OF LONDON

HONORARY FELLOWS

Date of
Election.

- 1949 (1939) FERRIERE, Dr. Charles, 45, *Florissant, Geneva, Switzerland.*
 1915 ‡ HOWARD, Dr. L. O., *Ex-Chief, Bureau of Entomology, U.S. Dept. of Agriculture, Washington, D.C., U.S.A.*
 1949 (1932) JEANNEL, Dr. R., *Muséum national d'Histoire naturelle, Rue de Buffon, Paris Ve, France.*
 1946 LIMA, Dr. A. da Costa, Professor of Entomology, *Escola Nacional de Agronomia, Universidade Rural, Rio de Janeiro, Brazil.*
 *1931 ‡ SILVESTRI, Prof. F.
 1937 SNODGRASS, R. E., *Bureau of Entomology, U.S. Dept. of Agriculture, Washington, D.C., U.S.A.*
 1949 VON FRISCH, Prof. Karl, *Zoologische Institut, Universität, Graz, Austria.*
 1937 WEBER, Dr. Hermann, *Zoologisches Institut, Holderlinstrasse 12, Tübingen 14B, Germany.*

SPECIAL LIFE FELLOWS

Date of
Election.

- 1949 ‡ (1907) ARNOLD, G., O.B.E., D.Sc., A.R.C.S., F.R.S.S.A., F.Z.S., Box 240, *Bulawayo, S. Africa.*
 1944 ‡ (1904) BLAIR, Kenneth G., D.Sc. (PRESIDENT, 1940-1; V.-PRES., 1942; COUNCIL, 1918-20, 1931-3, 1942), *Pentwyn, Freshwater, Isle of Wight.*
 1948 ‡ (1909) BRITTEN, Harry, 22, *Birch-grove, Levenshulme, Manchester.*
 1948 ‡ (1904) COCKAYNE, E. A., M.A., D.M., F.R.C.P. (PRESIDENT, 1943-4; V.-PRES., 1927, 1939; COUNCIL, 1915-17, 1926-8, 1939-41, 1945), 8, *High-street, Tring, Herts.*
 1947 ‡ (1902) EDELSTEN, H. M., O.B.E. (V.-PRES., 1928, 1937, 1938; COUNCIL, 1926-8, 1937-9), *Bramble Hill, Balcombe, Sussex.*
 *1944 ‡ (1912) IMMS, A. D., M.A., Sc.D., F.R.S. (PRESIDENT, 1936-7; V.-PRES., 1920, 1930, 1935, 1938; COUNCIL, 1919-21, 1930-2, 1935, 1938).
 1945 ‡ (1894) JORDAN, K., Ph.D., F.R.S. (PRESIDENT, 1929-30; V.-PRES., 1909, 1926, 1931, 1933; COUNCIL, 1909-11, 1924-6, 1931, 1933-5), *The Museum, Tring, Herts.*
 1944 ‡ (1885) LLOYD, R. W. (V.-PRES., 1924, 1928, 1932, 1933; COUNCIL, 1900-3, 1923-5, 1928-30, 1932-4), I, 5, *Albany, Piccadilly, London, W. 1.*
 1945 ‡ (1903) NEAVE, S. A., C.M.G., O.B.E., M.A., D.Sc., F.Z.S. (PRESIDENT, 1934-5; SECRETARY, 1919-33; V.-PRES., 1918, 1931, 1936; COUNCIL, 1916-18, 1936), *Mill Green Park, Ingatestone, Essex.*
 1931 (1905) POWELL, H., *Ifrane, Morocco.*
 1942 ‡ (1908) TALBOT, G., 31, *York-road, Woking, Surrey.*
 1948 ‡ (1893) TURNER, H. J., F.R.H.S. (V.-PRES., 1930; LIBRARIAN, 1921-9; COUNCIL, 1910-12, 1930), *Latemar, 25, West Drive, Cheam, Surrey.*
 1943 ‡ (1901) WATERHOUSE, G. A., D.Sc., B.E., *Australian Museum, College-street, Sydney, New South Wales, Australia.*

FELLOWS.

(The names of those who have not yet paid either the Entrance Fee or the first year's subscription are not included.)

Marked * died during the year 1949.

Marked † have compounded for their Annual Subscriptions.

Marked ‡ have been formally admitted into the Society (to December, 1949).

Date of
Election.

- 1946 ABBOTT, P. H., B.A., M.R.C.S., L.R.C.P., *Civil Hospital, Li Rangu, Equatorial Province, Sudan.*
- 1947 ‡ ABUL-NASR, S. E., Ph.D., *Faculty of Agriculture, Giza, Egypt.*
- 1945 ADAMS, C. V., F.Z.S., 16, *Munroe-gardens, Alma-road, Plymouth.*
- 1938 ADAMS, P. C. G., *European Hospital, N'Kara, Northern Rhodesia.*
- 1949 ‡ ADKINS, L. C., 40, *Park-avenue, Chelmsford, Essex.*
- 1947 ‡ AGARWALA, S. D., Ph.D., *Sugar Cane Entomologist, Central Sugar Cane Research Station, P.O. Pusa (Dist. Darbhanga), Bihar, India.*
- 1943 ‡ AIRY-SHAW, H. K., B.A., *Royal Botanic Gardens, Kew, Surrey.*
- 1921 ALEXANDER, Prof. C. P., *Fernald Hall, University of Massachusetts, Amherst, Mass., U.S.A.*
- 1931 ALFIERI, Anastase, General Secretary and Curator of the Pouad 1st Entomological Society, *P.O. Box 430, Cairo, Egypt.*
- 1938 ALFREY, J. I., *The Bombay Fire Insurance Association, 6, Rampart Rau Fort, Bombay, India.*
- 1949 ‡ ALI, A. E. M., *University College, Gower Street, London, W.C.1*
- 1946 ‡ ALLAN, I. R. H., 4, *Windhill, Bishop's Stortford, Herts.*
- 1944 ‡ ALLAN, P. B. M., M.A., 4, *Windhill, Bishop's Stortford, Herts.*
- 1943 ALLEN, Donald, F.R.P.S., F.R.S.A., 698, *Warwick-road, Solihull, Warwickshire.*
- 1949 ALMY, V. P., *Avoca, Third Avenue, Colesdown Hill, Billacombe, Plymstock, S. Devon.*
- 1940 ‡ AMERY, J. W., *Ballamoar, Laxey, Isle of Man.*
- 1919†‡ ANDREWES, Dr. C. H., F.R.S. (COUNCIL, 1945-7), 34, *Ossulton Way, N. 2.*
- 1910†‡ ANDREWES, H. E. (COUNCIL, 1920-2), 8, *North Grove, Highgate, London, N. 6.*
- 1932 ‡ ANDREWS, E. A., M.A. (COUNCIL, 1943-5), 2, *Abbey-gardens, St. John's Wood, N.W. 8.*
- 1899 ‡ ANDREWS, Henry W. (COUNCIL, 1930-2), *The Rookery, Breamore, Fordingbridge, Hants.*
- 1908†‡ ANTRAM, Charles B., *Clay Copse, Sway, near Lymington, Hants.*
- 1948 ARMITAGE, John, M.B.O.U., *Avocat, Heath Grove, Buxton, Derbyshire.*
- 1947 ‡ ARMITT, J. H., 79, *Sarehole-road, Birmingham, 28.*
- 1948 ARMSTRONG, M., M.A., B.Sc., *Aconbury, Walderslade-road, Chatham, Kent.*
- 1944 ARTHUR, D. R., M.Sc., 14, *Ullswater-avenue, Roath Park, Cardiff.*
- 1946 ‡ ASBY, D. G., *The Outlook, Haddenham, Isle of Ely, Cambs.*
- 1946 ASHFORTH, H., 24, *Woodman's Way, Two Hedges-road, Bishops Cleeve, Cheltenham, Glos.*
- 1921 ATKINSON, D. J., c/o Messrs. Grindlay & Co., 54, *Parliament-street, S.W. 1.*

- 1948 ATKINSON, H. S., F.Z.S., *Rydal, Oakhill-avenue, Pinner, Middx.*
 1928 ‡ AUBERTIN, Miss Daphne, M.Sc., F.L.S., *The Priory, Berwick St. John, Shaftesbury, Dorset.*
 1946 ‡ AUBROOK, E. W., *Tolson Memorial Museum, Ravensknowle, Huddersfield, Yorks.*
 1930-41, 1945 AUSTIN, M. D., *The Field Laboratory, Porters Farm, Gt. Braxted, nr. Witham, Essex.*
 1945 ‡ AVERY, R. F., M.A., 3, *Panmuir-road, West Wimbledon, S.W. 20.*
 *1913 AVINOFF, A.
 1904†‡ BAGNALL, Richard S., D.Sc., F.R.S.E., F.L.S., 2, *West Cromwell-road, Earls Court, London, S.W. 5.*
 1948 BAGNALL-OAKLEY, H. K., M.A., *Wargrave House, The College, Eastbourne.*
 1909 ‡ BAGWELL-PUREFOY, Capt. Edward, F.Z.S. (COUNCIL, 1930-2), *The Cottage, East Farleigh, Kent.*
 1949 BAILEY, N. M., *Hill Crest, Ashgrove, Limefield, Bury Lancs.*
 1943 ‡ BAKER, Capt. D. B., 21, *Quarry Park-road, Cheam, Surrey.*
 1934 BAKER, F. T., *City and County Museum, Lincoln.*
 1938 ‡ BALFOUR-BROWNE, J. W. A. F., M.A., F.Z.S., *British Museum (Natural History), Cromwell-road, London, S.W.7.*
 1921 ‡ BALFOUR-BROWNE, Prof. W. A. F., F.R.S.E., F.L.S., F.Z.S. (V.-PRES., 1934; COUNCIL, 1925-7, 1933-5), *Brocklehurst, Collin, Dumfries, N.B.*
 1946 ‡ BANERJEE, S. N., M.Sc., Ph.D., Entomologist, West Bengal Govt., *Chinsura Agricultural Farm, Dist. Hooghly, W. Bengal.*
 1947 BANNER, J. V., M.R.C.S., L.R.C.P., *Wykehurst, 41, Varndean-gardens, Brighton, 6.*
 1946 BARBER, C. H., *Wingfield, Much Birch, Hereford.*
 1947 BARKER, T. W., B.Sc., 346, *Stones Villas, Walsden, Todmorden, Lancs.*
 1946 ‡ BARNETT, E., 64, *Whitworth-road, South Norwood, London, S.E. 25.*
 1943 BARRATT, Peter R., F.R.G.S., 88, *Manley-road, Oldham, Lancs.*
 1936 BARTHOLOMEUZ, Dr. G. F., *Office of Medical Entomologist, Torrington-square, Colombo, Ceylon.*
 1947 BASDEN, E. B., *Institute of Animal Genetics, King's Buildings, West Mains-road, Edinburgh, 9.*
 1946 BATES, Marston D., *The Rockefeller Foundation, 49, West 49 St., New York 20, N.Y., U.S.A.*
 1935 ‡ BAUM, W. W., 47, *Lutterworth-road, Blaby, near Leicester.*
 1908 BAYFORD, E. G., 16, *Rockingham-street, Barnsley.*
 1912 ‡ BAYNES, E. S. A., 2, *Erkendale-road, Glenageary, Co. Dublin, Eire.*
 1948 ‡ BEAMENT, J. W. L., M.A., Ph.D., *Dept. of Zoology, Downing-street, Cambridge.*
 1945 BEAUFOY, S., B.Sc., A.M.I.E.E., F.R.P.S., 98, *Tuddenham-road, Ipswich, Suffolk.*
 1913 ‡ BEDFORD, Capt. H. W., *c/o Pest Control Ltd., Harston, Cambridge.*
 1920 ‡ BEESON, C. F. C., C.I.E., M.A., D.Sc., *Westway Cottage, Adderbury, Banbury, Oxon.*
 1939 BEIRNE, B. P., Ph.D., 33, *Electric-street, Ottawa, Ontario, Canada.*
 1943 BELL, A. Victor, *Eastholme, 24, Studley Villas, Forest Hall, Newcastle-on-Tyne.*
 1933 BENSON, H. J. Craufurd, B.Sc., *The Cooper Technical Bureau, Berkhamsted, Herts.*
 1925 ‡ BENSON, R. B., M.A., Mem. Hon. Soc. ent. Belg. (V-PRES., 1943; COUNCIL, 1936-8, 1942-4), *British Museum (Natural History), Cromwell-road, London, S.W. 7.*

- 1949 BENSON, R. F., *Oak Bank, 130, Gathurst-lane, Gathurst, near Wigan, Lancs.*
- 1946 ‡ BENTLEY, E. W., *c/o Ministry of Agriculture, 58, High Holborn, London, W.C. 1.*
- *1937 BERKELEY, M. S.
- 1946 BERNACCA, J. P., B.Sc., *P.O. Box 41, Kampala, Uganda.*
- 1949 ‡ BERTRAM, D. S., *Dept. of Entomology, London School of Hygiene and Tropical Medicine, Keppel-street, Gower-street, London, W.C. 1.*
- 1942 ‡ BESSEMER, H. Douglas, B.A., F.C.A., F.R.P.S.L., *23c, Cadogan Gardens, Sloane Square, London, S.W. 3.*
- 1913 ‡ BEST-GARDNER, Charles C., *c/o Barclays Bank Ltd., Neath, Glam.*
- 1946 BETT, W. R., M.R.C.S., L.R.C.P., *11, The Avenue, Bedford Park, London, W. 4.*
- 1947 BEVIS, A. L., *c/o The Museum and Art Gallery, City Hall, Smith-street, Durban, Natal, S. Africa.*
- 1937 ‡ BHADURI, Lt.-Col. D. N., I.M.S., *c/o Messrs. Thos. Cook & Son, Hornby-road, Bombay, India.*
- 1947 BHATTACHARJEE, H., B.A., *Directorate of Industries West Bengal, 11b, Fern-road, Ballygunge, Calcutta 19, India.*
- 1946 ‡ BICKERSTAFF, F., *71, Staithe-road, Bungay, Suffolk.*
- 1946 ‡ BIGGS, Rev. H. E. J., *19, Siward-road, Bromley, Kent.*
- 1944 BILLES, D. J., *c/o Dept. of Agriculture, Head Office, Accra, Gold Coast.*
- 1935 BINNS, H. R., O.B.E., M.A., *c/o E.A.V.R.O., P.O. Kabete, near Nairobi, Kenya.*
- 1944 BIRD, J. F., *Redclyffe, Walton St. Mary, Clevedon, Somerset.*
- 1949 ‡ BLACKIE, J. E. H., M.A., *The Bell House, Alconbury, Huntingdonshire.*
- 1937 ‡ BLACKISTON, Maj. Hamilton, B.A., F.L.S., *Frieston Lodge, Old Shoreham-road, Hove, Sussex.*
- 1944 BLAKE, A. E., K.L.B., F.C.I., *Marokko, 165, Lynton-road, Harrow, Middx.*
- 1948 ‡ BLETCHLY, J. D., B.A., B.Sc., *The Glebe House, Little Kimble, Aylesbury, Bucks.*
- 1943 BODDY, William, *Church Fenton, Tadcaster, Yorks.*
- 1937 ‡ BODENHEIMER, Dr. F. S., *Hebrew University, Jerusalem, Palestine.*
- 1939 ‡ BOLWIG, N., *University of the Witwatersrand, Johannesburg, S. Africa.*
- 1902 ‡ BOSTOCK, E. D., *Alicoombe, Pelham-gardens, Folkestone.*
- 1948 BOTTOMLEY, T. L. C., *23, Ryegate-crescent, Sheffield, 10.*
- 1948 BOWDEN, J., *21, Springfield-road, Mangotsfield, Bristol.*
- 1894 ‡ BOWLES, E. Augustus, M.A., *Myddelton House, Enfield, Middx.*
- 1921 ‡ BOX, H. E., *Departamento de Entomologia M.A.C., Ministerio de Agricultura Cria, Hotel Jardin, Maracay, Estado Aragua, Venezuela.*
- 1910 BOYD, Major A. Whitworth, *Frandle House, nr. Northwich, Cheshire.*
- 1905 BRACKEN, Charles W., B.A., *16, De la Hay Villas, Plymouth.*
- 1946 ‡ BRADDELL, M. L., *Little Grove Priory, Chesham, Bucks.*
- 1948 BRADFORD, Miss B., M.Sc., *P.O. Dynamite Factory, Cape Province, Union of South Africa.*
- 1919 ‡ BRADLEY, Prof. J. Chester, M.Sc., *Professor of Entomology and Curator of Invertebrate Zoology, Cornell University, Ithaca, New York, U.S.A.*
- 1944 ‡ BRAHAM, A. C., F.Z.S., *66, Sheepridge-road, Huddersfield, Yorks.*
- 1946 ‡ BRAID, K. E. P., A.M.I.E.E., *125, Sandringham-crescent, South Harrow, Middx.*
- 1946 BRANHAM, Lt.-Col. A. N., *9, St. Albans-grove, Kensington, London, W. 8.*
- 1946 BREDO, H., *Red Locust Control Service, Abercorn, N. Rhodesia.*
- 1947 ‡ BREESE, M. H., B.Sc., D.I.C., *Dept. of Agriculture, Zomba, Nyasaland.*
- 1920 ‡ BRENCHLEY, Winifred E., D.Sc., F.L.S., *Rothamsted Experimental Station, Harpenden, Herts.*

- 1944 ‡ BRETHERTON, R. F., M.A., *Ottershaw Cottage, Ottershaw, Surrey.*
- 1949 ‡ BRETT, G. A., B.Sc., A.R.C.S., D.I.C., 2, *Claygate-lane, Hinchley Wood, Esher, Surrey.*
- 1930 BREYER, Alberto, *Calle Maipu 267, Buenos Aires, Argentina.*
- 1948 BRIAN, M. V., *Dept. of Zoology, The University, Glasgow, W. 2.*
- 1941 BRINDLE, A., 134, *Smith-street, Nelson, Lancs.*
- 1936 ‡ BRITTON, E. B., M.Sc., (EDITOR, 1948 ; COUNCIL, 1948-), *British Museum (Natural History), Cromwell-road, S.W. 7, and 97a, Hare-lane, Claygate, Surrey.*
- 1942 ‡ BROADHEAD, Edward, D.Phil., *Zoology Dept., The University, Leeds, 2.*
- 1925 ‡ BROOKS, C. J., 49, *Harvard Court, Honeybourne-road, N.W. 6.*
- 1938 BROOKS, Capt. J. G., R.A.M.C., B.D.Sc., L.D.Q., *P.O. Box 354, Cairns, Queensland, Australia.*
- 1940 ‡ BROOME, R. R., *Murstead, 47, Keswick-road, Boscombe, Bournemouth, Hants.*
- 1949 ‡ BROUGHTON, W. B., B.Sc., 15, *Woodlands-gardens, Woodford New-road, London, E. 17.*
- 1943 ‡ BROWN, E. S., B.A., *Hailey Lodge, Hertford Heath, Hertford.*
- 1932 BROWN, Colonel F. Martin, *Fountain Valley, Colorado Springs, Colo., U.S.A.*
- 1945 BROWN, J. Y., *Mosquito Control Officer, Medical Dept., Lagos, Nigeria, and 48, High-street, Odell, Beds.*
- 1910 BROWNE, H. B., M.A., *Woodleigh House, Aislaby, Whitby, Yorks.*
- 1930 BUCKNILL, The Rev. E. G., M.A., *The Chaplaincy, Goring Heath, near Reading, Berks.*
- 1949 BULOW, Surgeon-Capt. G. H., M.R.C.S., L.R.C.P., *Northfield Court, Slough-road, Datchet, Bucks.*
- 1942 BUMSTEAD, R. P., 7, *Devonshire-road, Cambridge.*
- 1949 ‡ BUNTING, W., 27, *Alexandra-street, Thorne, via Doncaster, Yorks.*
- 1947 BURLEY, W. J., *Dromona, Reskadinnick, Camborne, Cornwall.*
- 1945 ‡ BURNARD, C. W., M.I.N.A., F.Z.S., *Yew Tree Cottage, Ashton-lane, Bishops Waltham, Hants.*
- 1946 ‡ BURNETT, G. F., 12, *Lowther-road, Wokingham, Berks.*
- 1945 ‡ BURNETT, Lt.-Cmdr. R., R.N.V.R., *Abinger Hall, near Dorking, Surrey.*
- 1896†‡ BURR, Malcolm, D.Sc., F.G.S., A.R.S.M. (V.-PRES., 1912 ; COUNCIL, 1903-4, 1910-12), *P.K. 2198, Beyoglu, Istanbul, Turkey.*
- 1920 BURRAS, A. E., *Windyeats Farm, Redlynch, near Salisbury, Wilts.*
- 1949 ‡ BURTON, J. F., 43, *Eversley-road, Charlton, London, S.E. 7.*
- 1933 ‡ BURTT, E., D.Sc., Ph.D., D.I.C., *East African Tsetse Research Organization, Old Shinyanga, Tanganyika Territory.*
- 1943 ‡ BURTT, E. T., Ph.D., *Dept. Zoology, King's College, Newcastle-on-Tyne, 1.*
- 1922 ‡ BUSHBY, L. C., *Zoological Society, Regent's Park, N.W. 8.*
- 1920 ‡ BUSHELL, Capt. H. S., *Ravensholt, Harrow-on-the-Hill, Middx.*
- 1943 BUSVINE, J. R., Ph.D., *Two Elms, Braywick-road, Maidenhead, Berks.*
- 1947 BUTLER, A. C., B.A., *Southover, Byworth, near Peterborough, Sussex.*
- 1939 ‡ BUTLER, C. G., M.A., Ph.D., *Rothamsted Experimental Station, Harpenden, Herts.*
- 1912†‡ BUXTON, Prof. P. A., C.M.G., M.A., F.R.S. (PRESIDENT, 1942 ; V.-PRES., 1936, 1941, 1943 ; COUNCIL, 1926-8, 1935-8, 1943), *Grit Howe, Gerrard's Cross, Bucks.*
- 1949 ‡ BYERLEY, B. L. J., 48, *Elmgrove-road, Harrow, Middx.*
- 1946 BYTHELL, W. J. S., O.B.E., M.D., *Morville Hall, Bridgnorth, Salop.*
- 1933 ‡ BYTINSKI-SALZ, Dr. H., *Tel-Aviv Museum of Natural History, 16, Lasalle-street, Tel-Aviv, Palestine.*

- 1937 CALLAN, E. McC., B.Sc., A.R.C.S., D.I.C., Ph.D., *Dept. of Entomology, Imperial College of Tropical Agriculture, Trinidad, B.W.I.*
- 1945 ‡ CALLAWAY, S., *Beaufort, Ratfyn-road, Amesbury, Wilts.*
- 1917-24, 1934 :
CAMERON, A. E., M.A., D.Sc., *Dept. of Entomology, University of Edinburgh, 10, George-square, Edinburgh, 8.*
- 1902 ‡ CAMERON, Commander Malcolm, M.B., R.N. (COUNCIL, 1919-20), 15, *Teesdale-road, Leytonstone, London, E. 11.*
- 1948 CAMERON, T. W. F., M.B., Ch.B., *Highfields, Walderslade, Chatham, Kent.*
- 1923 ‡ CAMERON, W. P. L., 14, *Hillview-road, Corstorphine, Edinburgh, 12.*
- 1923 ‡ CAMPBELL-TAYLOR, J. E., *Bramblewick, Holly Bush Lane, Harpenden, Herts.*
- 1948 CAPENER, A. L., *St. George's Home for Boys, P.O. Box 4, Cleveland, Johannesburg, S. Africa.*
- 1948 ‡ CARAYON, J., Dr. es-Sci., *Laboratoire d'Entomologie Coloniale, Muséum national d'Histoire naturelle, 57, rue Cuvier, Paris Ve, France.*
- 1924 ‡ CARLIER, S. E. Wace, *Warwick Buildings, Warwick-road, Solihull, near Birmingham.*
- 1910†‡ CARPENTER, Prof. G. D. Hale, M.B.E., D.M. (PRESIDENT, 1945-6; V.-PRES., 1947; COUNCIL, 1934-6, 1947), Emeritus Hope Professor of Zoology (Entomology) in the University of Oxford, *Penguelle, Hid's Copse-road, Cumnor Hill, Oxford.*
- 1949 CARPENTIER, Dr. F. M. J., *Rue Ed. Wacken, 23, Liège, Belgium.*
- 1934 CASTLE, Rev. A. R., *The Manse, 129, Old Tovil-road, Maidstone, Kent.*
- 1949 ‡ CASWELL, G. H., *Zoology Department, Birkbeck College, Bream's Buildings, Fetter-lane, London, E.C. 4.*
- 1948 ‡ CATER, Lt.-Col. J. H., I.M.S., c/o Medical Dept., *Mwanza, Lake Territory, Tanganyika.*
- 1889†‡ CAVE, Charles J. P., *Stoner Hill, Petersfield, Hants.*
- 1948 ‡ CHALMERS-HUNT, A. J. M. B., 70, *Chestnut-avenue, West Wickham, Kent.*
- 1914 ‡ CHAMPION, Prof. H. G., C.I.E., M.A. (COUNCIL, 1941-3), *Imperial Forestry Institute, Parks-road, Oxford.*
- *1938 CHARTRES, S. A.
- 1945 ‡ CHATELAIN, R. G., 15, *Alleyn-park, West Dulwich, S.E. 21.*
- 1947 ‡ CHAUDHURI, R. P., B.Sc., M.Sc., *Division of Entomology, Indian Agricultural Research Institute, New Delhi, India.*
- 1897 ‡ CHAWNER, Miss Ethel F., *The White House, Leckford, Stockbridge, Hants.*
- 1913 ‡ CHEAVIN, W. H. S., F.C.S., F.R.M.S., 19, *Rosendale-road, West Dulwich, London, S.E. 21.*
- 1919-1939, 1947 :
CHEESMAN, Miss L. E., 25, *Maiden-lane, London, W.C. 2.*
- 1920 ‡ CHEETHAM, C. A., *Austwick, via Lancaster.*
- 1942 ‡ CHINA, W. E., M.A., D.Sc., *British Museum (Natural History), Cromwell-road, London, S.W. 7.*
- 1949 CHISHOLM FORDER, P., 19, *Kingsmead, Upton, Chester.*
- 1933 CHORLEY, T. K., *P.O. Box 25, Causeway, Salisbury, S. Rhodesia.*
- 1935 CHORLEY, J. W., *Senior Field Officer, Tsetse Control Department, P.O. Box 17, Masindi, Uganda.*
- 1933 ‡ CHRISTOPHERS, Col. Sir S. R., C.I.E., O.B.E., I.M.S., F.R.S., *Zoological Laboratory, The Museums, Cambridge.*
- 1945 ‡ CLARKE, Camden, *Lock House, Branston, Burton-on-Trent.*

- 1946 ‡ CLARKE, J. F. Gates, Ph.C., B.S., M.S., *U.S. National Museum, Washington, D.C., U.S.A.*
- 1949 CLARKE, K. U., 7, *Stanley-avenue, Wembley, Middx.*
- 1941 ‡ CLASSEY, Eric W., 5, *Carlton-avenue, Feltham, Middx.*
- 1935 ‡ CLAY, Miss Theresa, B.Sc., *British Museum (Natural History), Cromwell-road, London, S.W. 7.*
- 1914 ‡ CLEARE, L. D., Jr., *Dept. of Agriculture, Georgetown, British Guiana.*
- 1948 CLEAVER, Capt. R. D. M., M.B.O.U., F.R.H.S., *Cavendish, Kromboom-road, Rondebosch, Cape, S. Africa.*
- 1908 CLUTTERBUCK, C. Granville, *Heathside, 23, Heathville-road, Gloucester.*
- 1934 COGHILL, Dr. D., *Rathcoole, Stellenbosch, C.P., S. Africa.*
- 1944 COLHOUN, W. P., M.B., 5, *Pump-street, Londonderry, N. Ireland.*
- 1922 ‡ COLLENETTE, C. L., F.R.G.S. (V.-PRES., 1935; COUNCIL, 1934-6, 1949-), 15, *Warren-avenue, Richmond, Surrey.*
- 1946 ‡ COLLIER, H. M., 11, *Greenbank-road, Darlington, Co. Durham.*
- 1899 ‡ COLLIN, James E. (PRESIDENT, 1927-8; V.-PRES., 1913, 1923, 1929; COUNCIL, 1904-6, 1913-15, 1923-5, 1929), *Raylands, Newmarket.*
- 1942 ‡ COLLINS, R. J., *Dept. of Entomology, British Museum (Natural History), Cromwell-road, S.W. 7.*
- 1946 ‡ COLYER, Capt. C. N., 26, *Ewart-grove, Wood Green, London, N. 22*
- 1918-29, 1938 COMSTOCK, Dr. J. A., *P.O. Box 158, Del Mar, California, U.S.A.*
- 1947 COOMAN, Rev. Père A. de, *Musée Heude, 225, Chung King-road (S), Shanghai 25, China.*
- 1946 ‡ COOPER, B. A., B.Sc., A.R.C.S., 27, *Spilsby-road, Boston, Lincs.*
- 1926 COOPER, Mrs. J. Omer, B.A., *Zoological Dept., Rhodes University College, Grahamstown, S. Africa.*
- 1924 CORBETT, G. H., B.Sc., *Downings, 42, King's Stone-avenue, Steyning, Sussex.*
- 1921 ‡ CORPORAAL, J. B., *Zoological Museum, Zeeburgerdijk 21, Amsterdam.*
- 1920 ‡ COTTERELL, G. S., A.R.C.S., *Vanessa, Eleanor-road, Chalfont St. Peter, Bucks.*
- 1949 COTTIER, Dr. W., *Plant Diseases Division, D.S.I.R., Private Bag, Auckland, New Zealand.*
- 1945 COUCHMAN, Leonard E., 35, *Browne-street, West Hobart, Tasmania.*
- 1943 COUSINS, R. J., A.C.P., F.Z.S., *High-street, Banwell, Somerset.*
- 1931 COWLAND, J. W., 34, *Saxon-road, Hove, Sussex.*
- 1931 ‡ COWLEY, John, M.A., *Holywell House, Edington, Bridgwater, Somerset.*
- 1937 ‡ COWPER, J. D., 2020, *Short-street (Rear Appts.), New Orleans, Louisiana, U.S.A.*
- 1923 ‡ COX, L. G., 1, *Chichester-terrace, Brighton, 7.*
- 1920 ‡ CRABBE, E., 20, *Burcote-road, Wandsworth Common, London, S.W. 18.*
- 1935 ‡ CRASKE, J. C. B., 33, *Hinchley Drive, Hinchley Wood, Esher, Surrey.*
- 1947 CRASS, R. S., B.Sc., *Mooi River, Natal, S. Africa.*
- 1946 ‡ CRAWFURD, Clifford, *Denny, Galloway-road, Bishop's Stortford, Herts.*
- 1946 CRAWFORD, H. G., *Department of Agriculture, Division of Entomology, Ottawa, Ontario, Canada.*
- 1928 ‡ CREWDSON, R. C. R., *The Grange, Delamere, Northwich, Cheshire.*
- 1941 ‡ CROWSON, R. A., B.Sc., A.R.C.S., D.I.C., *Zoology Department, The University, Glasgow, W. 2.*
- 1948 ‡ CUMBER, R. A., *Cawthron Institute, Nelson, New Zealand.*
- 1947 ‡ CURLE, R. H. P., *West Coker, nr. Yeovil, Somerset.*
- 1946 ‡ CURRIE, P. W. E., M.C., 102, *Burdon-lane, Belmont, Sutton, Surrey.*
- 1946 ‡ CURTIS, A. E., *The Cottage, Ifold Estate, Loxwood, nr. Billingshurst, Sussex.*
- 1908 ‡ CURTIS, W. P., Flat 2, *Acton Burnell, Braidley-road, Bournemouth.*

- 1948 † DALES, R. Phillips, B.Sc., 67, *Westmoreland-avenue, Squirrels Heath, Essex.*
- 1929 † DALTRY, H. W., *Bar Hill, Madeley, near Crewe.*
- 1936 † DANNREUTHER, Capt. T., R.N., *Windycroft, High Wickham, Hastings, Sussex.*
- 1944 DARLING, H. S., *School of Agriculture, Shambat, Khartoum North, A.E. Sudan.*
- 1944 DARLOW, Surgeon-Lt. H. M., B.A., M.R.C.S., L.R.C.P., *Carr House, Glebe-road, Bedford.*
- 1944 † DAVENPORT, Miss R. M., 1, *Ashburn-place, London, S.W. 7.*
- 1948 † DAVID, W. A. L., M.A., Ph.D., 34a, *Storey's Way, Cambridge.*
- 1949 † DAVIES, R. Gareth, *Department of Zoology, Imperial College of Science, S. Kensington, S.W. 7.*
- 1945 † DAVIS, R. A., M.Sc., c/o B. A. Fuleihan, Esq., 420, *Brattle-road, Syracuse, N.Y., U.S.A.*
- 1903 DAY, F. H., *Blackwell Lodge West, Carlisle.*
- 1947 DEANS, A. S. C., 28, *Morgan-road, Rosehill, Aberdeen.*
- 1947 DEARING, E., B.Sc., 10, *Bray road, Speke, Liverpool 19.*
- 1948 DEBENHAM, Miss E. M., *Ministry of Agriculture and Fisheries, Pest Control Division, 5, St. Helen's Place, Bishopsgate, London, E.C. 3.*
- 1934 † DENNE, Major R. A., *Pear Tree Farm, Hever, Kent.*
- 1923 DEWAR, D. A., M.B., C.M., *Altire House, Stanley S.O., Co. Durham.*
- 1944 † DEWBERRY, E. B., *Clare, 16, Hamilton-close, Epsom, Surrey.*
- 1948 DIAKONOFF, Dr. A., *Zoological Museum, Buitenzorg, Java.*
- 1930 † DIBB, J. R., 97, *Tavistock-drive, Mapperly Park, Nottingham.*
- 1949 DIBB, R. A. L., 255, *Beverley-road, Kirkella, E. Yorks.*
- 1939 DICKER, G. H. L., *East Malling Research Station, nr. Maidstone, Kent.*
- 1946 DICKINSON, K. Shallcross, M.R.C.S., L.R.C.P., Ph.C., *Arnold House, Arnold, Notts.*
- 1948 † DINNAGE, H., *Alexandra Cottage, Broadbridge Heath, near Horsham, Sussex.*
- 1949 † DIRSH, Dr. V. M., *Anti-Locust Research Centre, British Museum (Natural History), Cromwell-road, London, S.W. 7.*
- 1943 † DIVER, Captain Cyril, C.B.E., *Rushmere Cottage, Frensham, Surrey.*
- 1946 † DOBSON, Ronald, 3, *Beardwood Brow, Blackburn, Lancs.*
- 1909 † DOBSON, Thomas, 6, *Thorn-street, Clitheroe, Lancs.*
- 1946 † DONALD, R. G., *West African Cocoa Research Institute, Tafo, Gold Coast.*
- 1943 † DONCASTER, J. P., B.A., *British Museum (Natural History), Cromwell-road, S.W. 7.*
- 1891 † DONISTHORPE, Horace St. John K., F.Z.S. (V.-PRES., 1911; COUNCIL, 1899-1901, 1910-12, 1931-3), 332, *Great West-road, Heston, Middx.*
- 1939 DOUBLEDAY, B. S., *Monks Risborough, Aylesbury, Bucks.*
- 1913 † DOW, Walter James, *Penang, Guildford-road, Great Bookham, Surrey.*
- 1943 † DOWDESWELL, W. H., *Thornton House, Blundell's-avenue, Tiverton, Devon.*
- 1936 † DOWNES, J. A., M.A., *Dept. Zoology, The University, Glasgow.*
- 1949 DOWNING, F. S., B.Sc., 72, *Woodland-road, Bristol, 8*
- 1946 DUARTE, A. J., M.Sc., *Laboratorio di Fitopatologia, Servicos de Agricultura, Caixa Postal 192, Nova Lisboa, Angola, P.W.A.*
- 1944 DU BOIS, Captain John J., 205, *Wayside-drive, Turlock, California, U.S.A.*
- 1913-40, 1947 DUFFIELD, C. A. W., M.C., J.P., *Pickersdene, Brook, near Ashford, Kent.*

- 1943 ‡ DUFFY, E. A. J., 28, *Lansdowne-road, East Croydon, Surrey.*
 1938 ‡ DUN, G. S., *Lowland Experiment Station, Kerauat, via Rabaul, New Britain.*
 1945 ‡ DUNNING, Rev. J. M., O.C.F., 88, *Grove Park-road, Mottingham, S.E. 9.*
 1921 ‡ DU PORTE, E. M., *Macdonald College, Quebec, Canada.*
 1944 ‡ DYSON, R. C., 112, *Hollingbury Park-avenue, Brighton, 6.*
- 1924 ‡ EASTHAM, Prof. L., M.Sc., *Dept. of Zoology, The University, Sheffield, 10.*
 1940 ‡ EASTON, A. M., M.B., B.S., M.R.C.S., L.R.C.P., *Roadside Cottage, Lower-road, Gt. Bookham, Surrey.*
 1944 ‡ EASTON, N. T., D.F.H., *Brockhurst School, Marlston House, near Newbury, Berks.*
 1945 ‡ EDNEY, E. B., Ph.D., D.I.C., B.Sc., *Zoology Dept., The University, Edgbaston, Birmingham, 15.*
 1916 ‡ EFFLATOUN BEY, Prof. H., *Dept. of Entomology, Faculty of Science, Fouad I University, Abbassia, Cairo, Egypt.*
 1946 ‡ ELIOT, Lt.-Col. J. N., R.A., 41 *Field Regiment, R.A., M.E.L.F.*
 1944 ‡ ELLIS, G., *Blodfryn, Bryn Pydew, Llandudno Junction, N. Wales.*
 1939 ‡ ELLISON, R. E., *c/o Foreign Office, London, S.W. 1.*
 1927 ‡ ELLISTON-WRIGHT, F. R., M.D., *Braunton, N. Devon.*
 1946 ‡ ELMHIRST, E. M., M.B., B.S., 28, *Hogarth-road, Earl's Court, London, S.W. 5.*
 1925-31, 1944 ‡ ELTON, C. S., M.A., *Bureau of Animal Population, 91, Banbury-road, Oxford.*
 1927 ‡ EMBRY, B., 23, *Mill Drove, Uckfield, Sussex.*
 1945 ‡ EMPSON, D. W., *Dept. Entomology, N.A.A.S., 7, Redlands-road, Reading, Berks.*
 1935 ‡ EVANS, A. C., Ph.D., *United Africa Co. (M.A.) Ltd., P.O. Kongwa, Tanganyika Territory.*
 1949 ‡ EVANS, Miss Dorothy M., 21, *Kinnaird-avenue, Chiswick, London, W. 4.*
 1945 ‡ EVANS, E. C., 26, *Towncourt-crescent, Pett's Wood, Kent.*
 1947 ‡ EVANS, H., M.Sc., *Natural Science Department, Derby Technical College, Normanton-road, Derby.*
 1928 ‡ EVANS, J. W., M.A., Sc.D., D.Sc. (COUNCIL, 1945-7), *Infestation Control Division, Ministry of Agriculture and Fisheries, 58, High Holborn, London, W.C. 1.*
- 1948 ‡ FARQUAR, Miss M. J., B.Sc., 6, *Artillery-road, Grahamstown, S. Africa.*
 *1925 ‡ FASSNIDGE, W.
 1938 ‡ FAURE, Prof. J. C., *University of Pretoria, Pretoria, Union of S. Africa.*
 1949 ‡ FENEMORE, P. G., 55, *Florence-road, Brighton, 6, Sussex.*
 1933 ‡ FENNAH, R. G., B.A., *Imperial College of Tropical Agriculture, St. Augustine, Trinidad.*
 1945 ‡ FENTON, G. R., *c/o Forest Experiment Station, Private Bag, Whakarewarewa, Rotorua, New Zealand.*
 *1918 ‡ FERGUSON, A.
 1949 ‡ FERNANDEZ-YEPEZ, Dr. F., *Division de Entomologia, Apartado 643, Estado Aragua, Maracay, Venezuela.*
 1938 ‡ FERRIER, W. J., 86, *Portnalls-road, Coulsdon, Surrey.*
 1946 ‡ FERRY, R. Stanton, *Fulling Mill House, Welwyn, Herts.*
 1938 ‡ FISHER, C. E., B.Sc., *Hancock Museum, Barras Bridge, Newcastle-on-Tyne.*
 1931 ‡ FISHER, Miss Katherine J. (Mrs. Richardson) (COUNCIL, 1937-8), 62, *Canfield-gardens, London, N.W. 6.*
 1898 ‡ FLETCHER, Fleet Paymaster Thomas Bainbrigge, R.N., F.L.S., F.Z.S., *Woodfold, Down Hatherley, near Gloucester.*
 1944 ‡ FLINT, J. H., A.L.A., 7, *Norfolk Mount, Leeds, 7.*

- 1922 FLOWER, Miss A. B., *Castle Rings, Dudsbury, near Longham, Dorset.*
- 1924 ‡ FORD, E. B., M.A., D.Sc., F.R.S. (V. PRES., 1943; COUNCIL, 1942-4),
Dept. of Zoology and Comparative Anatomy, University Museum, Oxford.
- 1946 ‡ FORD, J., *East African Tsetse Research Organization, Shinyanga, Tanganyika Territory.*
- 1946 ‡ FORD, J. H., 7, *Milford Estate, Harpenden, Herts.*
- 1941 ‡ FORD, R. L. E., F.Z.S. (COUNCIL, 1947-9), *Dunkeld, 51, Parkhill-road, Bexley, Kent.*
- 1932 ‡ FORD, W. K., M.Sc., 73, *Queen's-avenue, Meols, Wirral, Cheshire.*
- 1920 ‡ FOX-WILSON, G. (V.-PRES., 1940, 1941, 1947-8; COUNCIL, 1935-7, 1940-2, 1946-8), *Entomological Dept., R.H.S. Laboratory, Wisley, Ripley, Surrey.*
- 1948 ‡ FRASER, Angus, *Yew Tree Cottage, Waters Green, Brockenhurst, Hants.*
- 1908 ‡ FRASER, Lt.-Col. F. C., M.D., I.M.S., *Mercara, Glenferness-avenue, Winton, Bournemouth, Hants.*
- 1943 ‡ FREEMAN, J. A., B.Sc., Ph.D., A.R.C.S., *Ministry of Food Infestation Branch, 58, High Holborn, London, W.C. 1, and 5, Woodmere-way, Beckenham, Kent.*
- 1938 ‡ FREEMAN, Paul, M.Sc., A.R.C.S., *British Museum (Natural History), Cromwell-road, London, S.W. 7.*
- 1937 ‡ FREEMAN, R. B., *Dept. of Zoology, University College, Gower-street, London, W.C. 1.*
- 1888 ‡ FREMLIN, H. Stuart, M.R.C.S., L.R.C.P., *Heavers, Ryarsh, near West Malling, Kent.*
- 1946 ‡ FRESHFIELD, G. P., A.I.M.L.T., *Cornerways, 123, Privett-road, Alverstoke, Gosport, Hants.*
- 1930 ‡ GABRIEL, A. G. (COUNCIL, 1942-4), *Dept. of Entomology, British Museum (Natural History), London, S.W. 7.*
- 1945 GALBRAITH, Dr. C. J., 29, *Union-road, Exeter, Devon.*
- 1941 GALBRAITH, W. A., M.B., Ch.B., *Curatehill, Law, Carlisle, Lanarkshire.*
- 1936 ‡ GAMBLES, R. M., *Veterinary Research Laboratory, P.O. Vom, via Bukuru, N. Nigeria.*
- 1947 ‡ GARDINER, B. O. C., *Entomological Field Station, 34a, Storey's Way, Cambridge.*
- 1947 ‡ GARDINER, Miss P. C., B.Sc., *The Spinney, Whiteleaf, Aylesbury, Bucks.*
- 1948 ‡ GARDNER, A. E., 55, *Northcroft-road, W. Ewell, Surrey.*
- 1920 GARDNER, J. C. M., C.I.E., c/o Messrs. Holt & Co., *Kirkland House, Whitehall, London, S.W. 1.*
- 1901 ‡ GARDNER, Willoughby, D.Sc., F.L.S., F.S.A., *Y Berlfa, Deganwy, N. Wales.*
- 1949 ‡ GARRETT-JONES, C., B.Sc., M.Sc., *Iben Hall, Woodbridge, Suffolk.*
- 1946 GAUL, A. T., B.S., 401, *Washington-avenue, Brooklyn 5., N.Y., U.S.A.*
- 1945 GAUNTLETT, S. R., *Woodgreen, Fordingbridge, Hants.*
- 1919 ‡ GEDYE, A. F. J., *P.O. Box 216, Nairobi, Kenya Colony.*
- 1947 GHANI, Mohammed Abdul, Ph.D., *Agricultural College and Research Institute, Lyallpur, Punjab, Pakistan.*
- 1936 GHESQUIERE, Dr. J., 87, *Avenue de Castel, Brussels, Belgium.*
- 1933 ‡ GILLET, J. D., B.Sc., c/o Medical Department, Entebbe, *Uganda, British East Africa.*
- 1904 ‡ GILLIAT, Francis T., B.A., 25, *Manor-road, Folkestone, Kent.*
- 1946 ‡ GILMOUR, E. Forrest, *East View, Milnsbridge, Huddersfield, Yorks.*
- 1919 ‡ GIMINGHAM, C. T., O.B.E., F.R.I.C. (V.-PRES., 1950; COUNCIL, 1942-4; 1950-), *Ministry of Agriculture, Pathological Laboratory, Milton-road, Harpenden, Herts.*
- 1930 ‡ GLEGG, D. Lindsay, *Birchstone, Coombe Park, Kingston, Surrey.*

- 1947 GLEGG, Harley, *Byways, Burrington, Bristol.*
- 1933 ‡ GLENNIE, Brigadier E. A., C.I.E., R.E., *Seaton House, Shrublands-road, Berkhamsted, Herts.*
- 1921-28, 1947 GLICK, Perry A., *U.S. Department of Agriculture, Box 1218, Waco, Texas, U.S.A.*
- 1945 ‡ GODDARD, T. D., *Long Hoyle Farm, Heyshott, Midhurst, Sussex, and 9, College-road, London, S.E. 21.*
- 1946 ‡ GOFFE, Capt. E. Rivenhall, *Winton Cottage, King's Somborne, Hants.*
- 1924 GOLDING, F. D., *c/o Barclays Bank, Ltd., Umkomaas, South Coast, Natal, S. Africa.*
- 1935 ‡ GOLLEDGE, C. J., 5, *Pleydell-avenue, Stamford Brook, London, W. 6.*
- 1947 ‡ GOODCHILD, A. J. P., *West African Cacao Research Institute, P.O. Box 8, Tafo, Gold Coast, B.W. Africa.*
- 1937 ‡ GOODLIFFE, E. R., B.A., *Penarth, 7, Lyonsdown-avenue, New Barnet, Herts.*
- 1925 ‡ GORDON, D. J., B.A., *The Manor House, Strathpeffer, N.B.*
- 1941 GORDON, Prof. R. M., O.B.E., M.D., Sc.D., M.R.C.P., *School of Tropical Medicine, Pembroke-place, Liverpool, 3.*
- 1948 ‡ GOTO, H. E., *Imperial College Field Station, Silwood Park, Sunninghill, Berks.*
- 1945 GRACIE, W. McAuley, M.B.E., *Ministry of Food, Gower-street, London, W.C. 1.*
- 1947 GRAHAM, J. F., *Dept. of Agriculture, Box 46, Kitale, Kenya Colony.*
- 1943 GRAHAM, M. W. R. de Vere, *c/o Mrs. Graham, Salmonby Rectory, Horncastle, Lincs.*
- 1927 GRANDI, Prof. Dr. Guido, *Istituto di Entomologia, Università degli Studi, Via Filippo Re 6, Bologna 125, Italy.*
- 1911 ‡ GRAVES, P. P., *Ballylichey House, Bantry, Co. Cork, Eire.*
- 1942 GRAY, W. J., *Veterinary Department, Mzimba, Nyasaland.*
- *1891†‡ GREEN, E. Ernest, F.Z.S. (PRES. 1923-4; V.-PRES., 1915, 1925; COUNCIL, 1914-16, 1925.)
- 1945 ‡ GREEN, R. A., *Flat 24, 7, Princes Gate, Knightsbridge, London, S.W. 1.*
- 1943 GREEN, T. L., B.Sc., 45, *Bedford-road, Firwood, Manchester, 16.*
- 1936 ‡ GREENSLADE, R. M. (COUNCIL, 1946-8), 100, *Windsor-road, Cambridge.*
- 1933 ‡ GREENWOOD, Lt.-Col. J. A. C., 105, *Firs Drive, Cranford, near Hounslow, Middx.*
- 1949 ‡ GREGORY, J. L., B.Sc., Dipl. Agr. Sci., 304, *Bellhouse-road, Sheffield, 5.*
- 1931 ‡ GREGSON, Col. G. K., D.S.O., *c/o Standard Bank of S. Africa, Nyeri, Kenya.*
- 1928 ‡ GRENSTED, The Rev. Prof. L. W., M.A., D.D., *Oriel College, Oxford.*
- 1946 ‡ GRIFFIN, Francis J., A.L.A., 29, *Bushy Park-gardens, Teddington, Middx.*
- 1905 GRIST, Charles J., F.C.S., F.Z.S., *Brook House, Brewood, Staffs.*
- 1946 GRIVEAU, M. P., *Pleine-Fougères, Ille-et-Vilaine, France.*
- 1937 GROVE, L. R. A., B.A., *Municipal Museum and Art Gallery, Maidstone, Kent.*
- 1946 ‡ GRUNDY, J. H., 10, *Tufton Court, Tufton-street, London, S.W. 1.*
- 1942 ‡ GUNN, D. L., D.Sc., Ph.D., F.Z.S., *Anti-Locust Research Centre, British Museum (Natural History), London, S.W. 7.*
- 1920 ‡ GUNTON, Major H. C., M.B.E., *Rathgar, Gerrard's Cross, Bucks.*
- 1912 HACKER, Henry, *Queensland Museum, Brisbane, Queensland.*
- 1944 ‡ HADAWAY, A. B., *Colonial Insecticide Research Unit, C.D.E.S., Porton, Wilts.*
- 1940 ‡ HADDOW, A. J., *Yellow Fever Research Institute, Entebbe, Uganda.*

- 1946 ‡ HADJINICOLAOU, J., M.Sc., *School of Hygiene, Alexandria-avenue 1 and 6, Athens, Greece.*
- 1945 ‡ HAFEZ, M., Ph.D., *Dept. of Entomology, Faculty of Science, Abassia, Cairo, Egypt.*
- 1947 HAGGETT, G., 1, *Torton Hill, Arundel, Sussex.*
- 1947 HALL, D. W., B.Sc., 20, *Ashley-terrace, Alloa, Clackmannanshire.*
- 1934 ‡ HALL, R. E., B.Sc., 4, *Glen Eyre Way, Bassett, Southampton.*
- 1921 ‡ HALL, W. J., M.C., D.Sc. (V.-PRES., 1946; COUNCIL, 1944-6), *Commonwealth Institute of Entomology, 41, Queen's Gate, London, S.W.7.*
- 1912 ‡ HALLETT, H. M., *Forest Edge, Lea Bailey, Ross-on-Wye, Hereford.*
- 1934 ‡ HAMILTON, A. G., B.Sc., B.Agr., Ph.D., D.I.C. (COUNCIL, 1947-9), *Biological Dept., St. Thomas's Hospital Medical School, London, S.E. 1.*
- 1915 ‡ HAMM, Albert Harry, M.A., A.L.S., 22, *Southfield-road, Oxford.*
- 1928 ‡ HAMMOND, C. O., 34, *Passmore Gardens, New Southgate, London, N. 11.*
- 1945 ‡ HAMMOND, H. E., 16, *Elton-grove, Birmingham, 27.*
- 1944 ‡ HANCOCK, J. W., *Sunninglye Farm, Pembury, Kent.*
- 1946 ‡ HANDFIELD-JONES, R. M., M.C., M.S., F.R.C.S., 149, *Harley-street, London, W. 1.*
- 1929 ‡ HANSON, H. S., M.Sc., *Forest Research Station, Alice Holt Lodge, Farnham, Surrey.*
- 1944 ‡ HARDS, C. H., 40, *Riverdale-road, Plumstead, London, S.E. 18.*
- 1930-36, 1942 HARDWICKE, S. M. B., *Friarmayne, near Dorchester, Dorset.*
- 1933 ‡ HARDY, Dr. J. E., *Asiatic Petroleum Co., Ltd., Technical Products Dept., St. Helen's-court, Great St. Helen's, E.C. 3.*
- 1903 ‡ HARE, E. J., *Harrow Place, Pinden, Dartford, Kent.*
- 1920 ‡ HARGREAVES, E., *Briercliff, George-lane, Read, near Burnley, Lancs.*
- 1920 HARGREAVES, H., *Homefields, Spinney Hill, Addlestone, Surrey.*
- 1926 HARMSWORTH, Sir H. A. B., 3, *Grand Mansions, Hove, Sussex.*
- 1946 ‡ HARPER, Commander G. W., R.N., *Bramblewood, Bushby-avenue, Rustington, Sussex.*
- 1946 ‡ HARPER, R. T., 168, *Salmon-street, Kingsbury, London, N.W. 9.*
- 1946 HARRIS, J. R., 64, *Leinster-road, Rathmines, Dublin.*
- 1928 HARRIS, W. V., M.Sc., *Entomologist, Agricultural Research Station, P.O. Box 265, Kampala, Uganda.*
- 1946 HARRISON, G. S., F.R.G.S., *New House, High Harrogate College, 98, Franklin-road, Harrogate.*
- 1942 ‡ HARRISON, J. L., B.Sc., *Institute for Medical Research, Kuala Lumpur, Malaya.*
- 1949 ‡ HARTLAND-ROWE, R. C. B., 23, *Marine Parade, Dawlish, S. Devon.*
- 1910 ‡ HARWOOD, Philip, *Ardinsh, Kincraig, Inverness-shire.*
- 1949 ‡ HATWELL, F. Calvert, *Glebe, Romansleigh, N. Devon.*
- 1949 HATTINGH, C. C., *Pest Control and Crop Protection (S.A.) Ltd., P.O. Box 61, Rembrandt Buildings, Bird-street, Stellenbosch, S. Africa.*
- 1927 ‡ HAWKINS, C. N. (COUNCIL, 1938-40), 23, *Wilton-crescent, Wimbledon, London, S.W. 19.*
- *1913 ‡ HAWKSHAW, Oliver.
- *1946 HAWLEY, Lt.-Col. W. G. B., D.S.O.
- 1944 ‡ HAYHURST, H., *Fouray, Parkfield-road, Didsbury, Manchester, 20.*
- 1921 ‡ HAYWARD, Capt. K. J., F.R.G.S., F.Z.S., *Instituto Miguel Lillo, Calle Miguel Lillo, 205, Tucuman, Argentine.*
- 1945 ‡ HEATH, J., *Grantham, Saxholm Dale, Bassett, Southampton.*
- 1929-33, 1944 ‡ HEBBERT, Major G. K. P., c/o Messrs. Grindlay & Co., *Bombay, India.*
- 1945 HEBDEN, A., 5, *Manston-terrace, Crossgates, Leeds.*
- 1943 ‡ HEDGCOCK, S. W., 3, *Purley-rise, Purley, Surrey.*

- 1910 † HEDGES, Alfred V., *Ballavale, Santon, Isle of Man.*
- 1919 † HEMMING, Francis, C.M.G., C.B.E. (V.-PRES., 1939, 1944, 1945; TREASURER, 1929-38; COUNCIL, 1928, 1939, 1944-6); *Wyndcliff Cottage, 28, Park Village East, Regent's Park, London, N.W. 1.*
- 1943 † HENSON, Dr. H., 39, *Jackson-avenue, Roundhay, Leeds, 8.*
- 1903 HERROD-HEMPSALL, W., *Hame, 18, Delcroft Way, Harpenden, Herts.*
- 1929 † HESLOP, Ian R. P., M.A., *Belfield, Poplar-road, Burnham-on-Sea, Somerset.*
- 1948 HESLOP HARRISON, G., B.Sc., Ph.D., F.R.S.E., *Dept. of Agricultural Zoology, King's College, Newcastle-on-Tyne.*
- 1925 HESSE, Dr. A. J., *South African Museum, Cape Town, S. Africa.*
- 1913 HEWITT, John, B.A., *Director, Albany Museum, Grahamstown, S. Africa.*
- 1941 † HEWLETT, Paul S., 90, *Kendal Drive, Slough, Bucks.*
- 1946 HEWSON, Frank, 23, *Thornhill-drive, Gaisby-lane, Shipley, Yorks.*
- 1939 † HICK, P., F.Z.S., *Athol House, Fulford-road, Scarborough, Yorks.*
- 1941 † HICKIN, N. E., Ph.D. (COUNCIL, 1950-), *Plummers, Bletchingley, nr. Redhill Surrey.*
- 1947 HICKMAN, Prof. V. V., *Royal Society of Tasmania, Tasmanian Museum, Hobart, Tasmania.*
- 1922 † HIGGINS, L. G., M.A., F.R.C.S. (COUNCIL, 1936-8), *Linkwood, Woking, Surrey.*
- 1943 † HILL, A. R., B.Sc., Ph.D., *Zoology Department, The University, Glasgow.*
- 1948 † HILLABY, J. D., F.Z.S., 85, *Cholmley-gardens, London, N.W. 6.*
- 1930 † HINCKS, W. D., M.P.S., *Whitefield Bank, 19, Whitefield, Heaton Norris, Stockport, Cheshire.*
- 1936 † HINDLE, Prof. E., F.R.S., *Scientific Director, The Zoological Society of London, Regent's Park, London, N.W. 8.*
- 1934 HINGORANI, R. U., M.B., B.S., L.M., 117A, *Harley-street, London, W. 1.*
- 1924 † HINGSTON, Major R. W. G., M.C. (COUNCIL, 1931-3), *Horsehead, Passage West, County Cork, Ireland.*
- 1934 † HINTON, H. E., B.Sc., Ph.D. (COUNCIL, 1944-6), *Department of Zoology, The University, Bristol.*
- 1946 HLISNIKOWSKI, J., *Praha IV, Na Valech 34, Czechoslovakia.*
- 1947 HOBART, J., *Dept. of Agricultural Zoology, University College of North Wales, Deiniol-road, Bangor.*
- 1929 † HOBBY, B. M., M.A., D.Phil. (V.-PRES., 1948; COUNCIL, 1937-9, 1948-), 7, *Thorncliffe-road, Oxford.*
- 1944 † HOCKEN, Miss Marion G., *Meadow Way House and Studio, Porthmeor, St. Ives, Cornwall.*
- *1943 HOCKEN, Melville, M.B., B.Sc.
- 1935 † HODGKIN, E. P., 6, *Prince's-street, S. Cottesloe, W. Australia.*
- 1946 HOFFMEYER, Dr. Skat, 36, *Fredensgade, Aarhus, Denmark.*
- 1937 † HOLBORN, J. M., *Haldon, Hall Park Gate, Berkhamstead, Herts.*
- 1949 HOLLEBONE, Commander L. H. T., R.N., *Mombasa Institute of Muslim Education, P.O. Private Bag, Mombasa, Kenya.*
- 1948 HOLLOWAY, P. H., *Warwick House, Fairoak, Eastleigh, Hants.*
- 1949 HOLMES, Dr. J. W. O., *Dunstead, Langley Mill, Notts.*
- 1947 † HONEYBOURNE, T. J., 97, *Birchwood-road, Wilmington, Dartford, Kent.*
- 1922 † HOPKINS, G. H. E., O.B.E., M.A., *Shire House, West Leith, Tring, Herts.*
- 1919 DE HORRACK-FOURNIER, Mme., 90, *Boulevard Malesherbes, Paris, and Château de Voisins, Louveciennes, Seine-et-Oise, France.*
- 1943 † HOWARTH, Mrs. E. W., 2, *Abney-road, Heaton Chapel, Stockport, Cheshire.*
- 1939 HOWARTH, T. G., B.E.M., 77, *Woodland-rise, Muswell Hill, London, N. 10.*
- 1946 HOWE, F. J., *Pathological Department, Hospital of St. Cross, Rugby, Warwickshire.*

- 1940 ‡ HOWE, R. W., B.Sc., A.R.C.S., *Pest Infestation Laboratory, London-road, Slough, Bucks.*
- 1947 HRBÁČEK, Jaroslav, Jnr., *Praha XI, čp. 1839, U. Rajské-zahrady 1a, Czechoslovakia.*
- 1946 HUDSON, E. J., 129, *City-road, Birmingham 16.*
- 1946 HUDSON, Mrs. G. B., c/o *National Bureau for Personnel Research, Council for Scientific and Industrial Research, Private Bag 189, Pretoria, S. Africa.*
- 1936 HUGGINS, H. C., 875, *London-road, Westcliff-on-Sea, Essex.*
- 1907 HUGHES, C. N., 101, *Carrington House, Hertford-street, London, W. 1.*
- 1947 HUGHES, J. W., B.Sc., *Redmays, Woodlands-road, Shotley Bridge, Co. Durham.*
- 1934 ‡ HULLS, L. G., *Chemistry Branch, Military College of Science, Shrivenham, nr. Swindon, Wilts.*
- 1921 HUNT, The Rev. J. Wesley, *Indaleni High School, Indaleni, via Richmond, Natal, S. Africa.*
- 1948 ‡ HURST, H., B.Sc., Ph.D., *Dept. of Colloid Science, The University, Cambridge.*
- 1949 HUSSEIN, Mahomed Bey, *Locust Research Section, Ministry of Agriculture, Dokki, Egypt.*
- 1944 HUSSEY, N. W., *Penwarne, Stonewall Park-road, Langton, Tunbridge Wells, Kent.*
- 1922 ‡ HUTCHINSON, G. E., M.A., F.L.S., *Osborn Zoological Laboratory, Yale University, New Haven, Conn., U.S.A.*
- 1935 HYDE, G. E., 20, *Woodhouse-road, Doncaster.*
- 1939 ‡ HYNES, H. B. Noel, Ph.D., A.R.C.S., *Dept. of Zoology, The University, Liverpool.*
- 1947 ‡ IBBOTSON, A., Ph.D., A.R.C.S., N.A.A.S., *Bracken Hill, North-road, Leigh Woods, Bristol, 8.*
- 1927 ‡ JACKSON, C. H. N., D.Sc., Ph.D., *East African Tsetse Research Organization, Shinyanga, Tanganyika Territory.*
- 1917 ‡ JACKSON, Miss Dorothy J., *North Cliff, St. Andrews, Fife.*
- 1941 ‡ JACKSON, Capt. R. A., C.B.E., R.N. (COUNCIL, 1946-8), *Middle Farm House, Codford St. Mary, nr. Warminster, Wilts.*
- 1932 ‡ JACKSON, T. H. E., *Kapretwa, Kitale, Kenya Colony.*
- 1949 ‡ JACOBS, S. N. A., 54, *Hayes-lane, Bromley, Kent.*
- 1938 JACOT-GUILLARMOD, C. F., M.Sc., *Mamathes, via Teyateyaneng, Basutoland, S. Africa.*
- 1938 JACZEWSKI, Dr. T. A. F., *Dept. of Systematic Zoology, Warsaw University, Krak-Przedm. 26-28, Warsaw, Poland.*
- 1947 JANJUA, N. A., M.Sc., *Fruit Experiment Station, Dept. of Agriculture, Quetta, Baluchistan, India.*
- 1914 ‡ JANSE, Prof. A. J. T., D.Sc., 541, *Adcock-street, Gezina, Pretoria, S. Africa.*
- 1940 JANSON, H. W., *The Homestead, Shakespeare-road, Mill Hill, N.W. 7.*
- 1898 JANSON, Oliver J., 46, *Beresford-road, Hornsey, London, N. 8.*
- 1933 JANSON, R. B., 44, *Great Russell-street, W.C. 1.*
- 1937 JAYEWICKREME, S. H., Ph.D., D.I.C., *Medical Research Institute, Baseline-road, Colombo 9, Ceylon.*
- 1943 JEFFEREY, Mrs. Violet G., F.R.H.S., *Rozel, Bilton Hill, Rugby.*
- 1933 ‡ JOBLING, B., *Wellcome Laboratory of Tropical Medicine, 183-193, Euston-road, London, N.W. 1.*
- 1937 JOHNPULE, A. L., *Divisional Agricultural Office, S.C.D., Bandarawela, Ceylon.*

- 1949 JOHNS, D. L., *E.A.T.R.O., Old Shinyanga, Tanganyika Territory.*
- 1948 JOHNSON, Major F. L., M.B.E., *United Africa Co., Ltd., Akuse, Gold Coast.*
- 1924 ‡ JOHNSTON, H. B., M.A., 5, *Scroope-terrace, Cambridge.*
- 1933 JOHNSTONE, Brigadier R. F., *c/o Lloyds Bank Ltd., Cox's & King's Branch, 6, Pall Mall, S.W.1.*
- 1948 ‡ JONES, Arthur, 17, *Sea View-road, Gillingham, Kent.*
- 1946 ‡ JONES, Lieut. B. M., R.N.V.R., *Dept. Zoology, University of Edinburgh, West Mains-road, Edinburgh, 9.*
- 1948 ‡ JONES, C. M., 25, *Shaw-street, Hoylake, Cheshire.*
- 1930 ‡ JONES, E. Parry, B.Sc., Ph.D., *c/o Pest Control (Central Africa), Ltd., P.O. Avondale, Salisbury, S. Rhodesia.*
- 1948 ‡ JONES, F. G. W., M.A., *Crossways, 40, Tunwell's-lane, Shelford, Cambridge.*
- 1924 ‡ JONES, F. Morton, D.Sc., 2000, *Riverview-avenue, Wilmington, Delaware, U.S.A.*
- 1948 JONES, F. R., 19, *Windermere-road, Streatham, London, S.W. 16.*
- 1949 ‡ JONES, G. Holland, M.P.S., 9, *Studland-road, Bournemouth, W.*
- 1938 JONES, H. E. W., *Lyndhurst, Hoole-road, Chester.*
- 1925 ‡ JONES, J. R. J. Li., M.A., *Arranmore, Mill Bay, Cobble Hill, British Columbia.*
- 1949 JONES, Leonard, 76, *Gillshill-road, Hull, E. Yorks.*
- 1948 ‡ JONES, P. Hunter, *Anti-Locust Research Centre, British Museum (Natural History), Cromwell-road, London, S.W. 7.*
- 1910 ‡ JOSEPH, E. G., M.C., M.A., B.Sc., *Redcot, Swanley, Kent.*
- 1945 ‡ KAPUR, A. P., M.Sc., Ph.D., D.I.C., *c/o Zoological Survey of India, Indian Museum, Calcutta, India.*
- 1947 KAUFMANN, R. R. U., *Shingler's Cottage, Jodrell, Holmes Chapel, Cheshire.*
- 1947 KAY, R. G. Webster, *Libertad 2488, Montevideo, Uruguay, S. America.*
- 1896†‡ KAYE, W. J. (COUNCIL, 1906-8), *Chantry Lodge, Longdown, Guildford, Surrey.*
- 1925 KEARNS, H. G. H., B.Sc., Ph.D., *The Research Station, Long Ashton, near Bristol.*
- *1940 KEMNER, Dr. N.
- 1926 KENNEDY, Prof. C. H., *Ohio State University, Columbus, Ohio, U.S.A.*
- 1945 ‡ KENNEDY, John S., Ph.D., *Agricultural Research Council, Unit of Insect Physiology, Dept. Zoology, Downing-street, Cambridge.*
- 1949 ‡ KENTEN, Mrs. Joyce, 4, *Sibley-avenue, Harpenden, Herts.*
- 1929 KENWAY, H. C., 179, *Brook-street, Brooklyn, Pretoria, S. Africa.*
- 1934 ‡ KERRICH, G. J., M.A., *Heath Crest, Westcott, Dorking, Surrey.*
- 1936 KERSEY, R. H., *Mandelieu, Cooden, Bexhill-on-Sea, Sussex.*
- 1946 ‡ KETTLE, D. S., 43, *Woodberry Down, London, N. 4.*
- 1942 ‡ KETTLEWELL, H. B. D., M.A., M.B., B.Chir., M.R.C.S., L.R.C.P. (COUNCIL, 1948-), *c/o Standard Bank of S. Africa, Ltd., Cape Town, Union of South Africa.*
- 1942 ‡ KEVAN, D. K. McE., B.Sc., *School of Agriculture, Sutton Bonington, Loughborough, Notts.*
- 1949 ‡ KHALIFA, Abd-el-Fattah, B.Sc., Ph.D., *Institute of Agriculture, Shebin El Kom, Egypt.*
- 1946 ‡ KHALSA, H. G., M.Sc., 69, *Khurbura Mahalla, Dehra Dun (U.P.), India.*
- 1949 KIDD, L. N., 46, *Eton-avenue, Coppice, Oldham, Lancs.*
- 1925 KILLINGTON, F. J., D.Sc., A.L.S., *Durlston, Kimberley-road, Parkstone, Dorset.*
- 1917 ‡ KIRKPATRICK, T. W., *Imperial College of Tropical Agriculture, St. Augustine, Trinidad, B.W.I.*
- 1938 ‡ KLOET, G. S., 14, *Hawthorne-lane, Wilmslow, Cheshire.*

- 1948 KOCH, Carlos, *c/o Prof. Raymond Dart, Section of Anatomy, Witwatersrand University, Johannesburg, S. Africa.*
- 1949 KONG, Soong Min, B.Sc., *Headquarters, Fisheries Department, Penang, Malaya.*
- 1940 KRISHNAMURTI, B., *Entomological Section, Dept. Agriculture in Mysore, Bangalore, India.*
- 1927 ‡ LABOUCHERE, Col. F. A. (COUNCIL, 1939-41), 15, *Draycott-avenue, Sloane Square, London, S.W. 3.*
- 1922 ‡ LACEY, Lionel, 485, *Pelham-road, New Rochelle, N.Y., U.S.A.*
- 1925 LAIDLAW, F. F., M.R.C.S., L.R.C.P., *Moniaive, St. Lawrence, Ventnor, Isle of Wight.*
- 1910 ‡ LAKIN, C. Ernest, M.D., F.R.C.S., 58, *Portland-place, London, W. 1.*
- 1911 ‡ LAMBORN, W. A., O.B.E., M.R.C.S., L.R.C.P., *Fort Johnston, Nyasaland.*
- 1947 ‡ LANKTREE, P. A. D., 11, *Thurloe-street, London, S.W. 7.*
- 1948 ‡ LAST, H. R., 12, *Winckworth-road, Banstead, Surrey.*
- 1946 ‡ LATHAM, F. H., 26, *Hollie Lucas-road, King's Heath, Birmingham, 14.*
- 1949 LATIF, Lieut.-Commander Abdul, R.P.N.V.R., M.Sc., *Punjab Agricultural College, Lyallpur, Pakistan.*
- 1949 ‡ LAURENCE, B. R., 31, *Sherwood-road, Luton, Beds.*
- 1946 LAWSON, J. W. H., *Zoology Dept., The University, Glasgow, W. 2.*
- 1939 LEA, H. A. F., *Chief Locust Officer, 25, Albert-road, Pretoria, S. Africa.*
- 1923 ‡ LEAN, O. B., *Old Forge Cottage, Winkfield, Windsor, Berks.*
- 1949 LEATHERDALE, Capt. D., F.R.G.S., *Vine Cottage, Old Woodstock, Oxon.*
- 1945 ‡ LECLERCQ, J., *Institut Léon Frédéricq, 17, Place Delcour, Liège, Belgium.*
- 1948 LEE, Major O. Martin, *College of Agriculture, Serdang, Selangor, Malaya.*
- 1948 LEES, A. D., Ph.D., *Dept. of Zoology, Downing-street, Cambridge.*
- 1930 ‡ LEESON, H. S., 39, *Dawlish-drive, Pinner, Middx.*
- 1934 LEGGE, Miss C. M., M.A., A.R.C.A., *Portico Library, 57, Mosley-street, Manchester, 2.*
- 1927 LEIVERS, A. R., 44, *Richmond-drive, Mapperley Park, Nottingham.*
- 1924 ‡ LE PELLEY, R. H., Ph.D., *Department of Agriculture, Box 338, Nairobi, Kenya.*
- 1948 LEPESME, Dr. P., 6, *rue de Castiglione, Paris 1e, France.*
- 1949 ‡ LESTON, D., F.Z.S., 1, *Abbey Court, Abbey-road, London, N.W. 8.*
- 1938 ‡ LETTS, A. W., 44, *Overton-road, Sutton, Surrey.*
- 1930 ‡ LEVER, R. J. A. W., B.Sc., D.I.C., A.I.C.T.A., F.L.S., *Dept. Agriculture, Kuala Lumpur, Malaya.*
- 1949 LEVI-CASTILLO, R., M.D., M.P.H., B.Sc., Ph.D., *Consul General of the Dominican Republic, P.O. Box 3606, Guayaquil, Ecuador.*
- 1931 ‡ LEWIS, D. J., *Section of Medical Entomology, Gezira Research Farm, Wad Medani, A.E. Sudan.*
- 1938 LEWIS, E. A., *c/o Veterinary Research Laboratory, Kabete, Kenya Colony.*
- 1908 ‡ LEWIS, John Spedan, F.Z.S., 35, *Cavendish-square, London, W. 1.*
- 1946 LIEU, Prof. K. O. Victoria, P.O. Box 3015, *University Station, Columbus 10, Ohio, U.S.A.*
- 1938 LINSSSEN, E. F., 93, *Copse Hill, W. Wimbledon, London, S.W. 20.*
- 1930 LISNEY, A. A., M.A., M.D., D.P.H., *Dune Gate, Clarence-road, Dorchester, Dorset.*
- 1946 ‡ LLOYD, Major C. T., D.Sc., Ph.D., 25, *Belmont-avenue, New Malden, Surrey.*
- 1934 ‡ LLOYD, H. M., *Tsetse Survey and Reclamation Dept., Shinyanga, Tanganyika Territory.*

- 1919 ‡ LLOYD, Llewellyn, D.Sc., *Zoological Dept., The University, Leeds.*
 1933 ‡ LLOYD, O. C., M.A., M.B., B.Chir., M.R.C.S., L.R.C.P., *Dept. of Pathology, Canynge Hall, Whatley-road, Bristol 8.*
 1946 ‡ LLOYD, T. A., *The Red House, Westwood-road, Ryde, Isle of Wight.*
 1946 ‡ LODEIZEN, J. A. F., *Schonweg 102, Wassenaar, Holland.*
 1920 ‡ LODGE, George, *Hawkhouse, Upper Park-road, Camberley.*
 1946 ‡ LOVELL, R., 27, *Athenaeum-road, Whetstone, London, N. 20.*
 1925 ‡ LONGFIELD, Miss C. (V.-PRES., 1947-8; COUNCIL, 1932-4, 1946-8), 11, *Iverna-gardens, W. 8.*
 1948 LOWE, G. H., M.B., Ch.B., D.P.H., *c/o The Director of Medical Services, Kuala Lumpur, Malaya.*
 1923 LOWTHER, R. C., M.B., Ch.B., *Fernleigh, Grange-over-Sands, Lancs.*
 1946 ‡ LUMSDEN, W. H. R., B.Sc., Ch.B., *c/o 64, Grange-road, Darlington, Co. Durham.*
- 1937 ‡ MACAN, Major T. T., M.A., Ph.D., R.A.M.C., *Stevney, Outgate, Ambleside, Westmorland.*
 1949 MACARTHUR, J. A., *Dorlin, Coronation-road, Peterculter, Aberdeenshire.*
 1947 MCCARTNEY, G., *Beechgrove, Kirkpatrick-Durham, by Castle Douglas, Scotland.*
 1944 MCCLUGGAGE, E. R. B., *Flowerfield, Lisburn, Co. Antrim.*
 1944 ‡ MCGARVEY, John, M.B., B.Ch., *Westfield, Wells, Somerset.*
 1930 MCHARDY, J. W., B.Sc., 53, *Liberton-drive, Edinburgh.*
 1928 ‡ MCKENNY-HUGHES, Major A. W., R.A.M.C., D.I.C. (V.-PRES., 1937; SECRETARY, 1934-6; COUNCIL, 1937), *British Museum (Natural History), Cromwell-road, London, S.W. 7.*
 1919 ‡ MACKWORTH-PRAED, C. W. (COUNCIL, 1949-), *Castletop, Burley, Ringwood, Hants.*
 1938 MACKWORTH-PRAED, H. W., 16B, *Elvaston-place, S. Kensington, London, S.W. 7.*
 1929 ‡ MACLAGAN, D. Stewart, Ph.D., D.Sc., F.R.S.E., *The Zoological Dept., West of Scotland Agricultural College, Blythswood-square, Glasgow, C. 2.*
 1936 ‡ MACLEOD, J., D.Sc., Ph.D., *Crosby Laboratory, Irthington, Carlisle.*
 1919 McLEOD, Sir Murdoch, Bt., *Culverlea House, Pennington, Lymington, Hants.*
 1940 MACPHERSON, J. G., *Normans, Gt. Warley, Brentwood, Essex.*
 1946 MAINA, Capt. Barth A., 10623, *Church-street, Chicago 43, Illinois, U.S.A.*
 1947 ‡ MANLEY, Lt.Col. W. B. L., *The Guards' Club, Charles-street, London, W. 1.*
 1949 MANNING, F. J., B.A., *County Training College, Alsager, Stoke-on-Trent.*
 1949 MARAYON, Miss M. E., 25, *Fairview-road, Sutton, Surrey.*
 1942 MARSDEN-JONES, Eric M., F.L.S., *Close Cottage, Littleton Panell, Devizes, Wilts.*
 1947 MARSH, Capt. J. C. S., R.A., *c/o Lloyds Bank, Ltd., Cox's and King's Branch, 6, Pall Mall, London, S.W. 1.*
 1895 ‡ MARSHALL, Sir Guy A. K., K.C.M.G., D.Sc., F.R.S., F.Z.S. (V.-PRES., 1919, 1924, 1932; COUNCIL, 1907-8, 1919-21, 1924-6, 1928-30, 1932-4, 1938-40, 1945-7), 31, *Melton Court, Onslow Crescent, London, S.W. 7.*
 1935 MARSHALL, J., *Blackwood, Tweedie, Natal, S. Africa.*
 *1922 MARSHALL, J. F., C.B.E., M.A., F.Z.S.
 1896 MARSHALL, P., M.A., B.Sc., F.G.S., *Hautere, Bellevue-road, Lower Hutt, New Zealand.*
 1945 MARSON, J. E., 35, *High Park-drive, Heaton, Bradford, Yorks.*
 1922 ‡ MASSEE, A. M., D.Sc. (V.-PRES., 1949; COUNCIL, 1939-41, 1947-9), *East Malling Research Station, East Malling, Kent.*

- 1937 MASSY, Miss N. C., c/o *Educational Museum, Haslemere, Surrey.*
- 1938 MATHESON, C., M.A., B.Sc., *National Museum of Wales, Cardiff.*
- 1948 ‡ MATTHEWS, G. A., 35, *Eastleigh-road, Barnehurst, Kent.*
- 1942 ‡ MATTINGLY, Major P. F., R.A.M.C., *Dept. of Entomology, British Museum (Natural History), Cromwell-road, London, S.W. 7.*
- 1912 MAULIK, Prof. S., M.A., D.Sc., D.I.C., c/o R. Maulik, *Clock Tower, Hogg Market, Calcutta, India.*
- 1948 MAYCOCK, A. G., Plot 5405, No. 4, *Pisé-de-Terre Site, Rhodesville, Salisbury, S. Rhodesia.*
- 1946 ‡ MEIKLE, Miss Agnes A., B.Sc., 2, *Buccleuch Place, Edinburgh, 8.*
- 1929 ‡ DE MEILLON, Botha, *South African Institute for Medical Research, Box 1038, Johannesburg, S. Africa.*
- 1933 ‡ MELLANBY, K., O.B.E., M.A., Sc.D., Ph.D., *Principal, University College, Ibadan, Nigeria.*
- 1946 MELLERS, W., *School House, Bodenham, Hereford.*
- 1948 ‡ MENON, Dr. M. G. Ramdas, c/o Dr. H. S. Pruthi, *Plant Protection Adviser to the Government of India, Ministry of Agriculture, Directorate of Plant Protection, Quarantines and Storage, New Delhi, India.*
- 1947 ‡ MERE, R. M., *Green Ridges, Churt-road, Hindhead, Surrey.*
- 1949 MERRETT, W. E. Stanley, O.B.E., B.A., B.M., B.Ch., *Yellow Fever Research Institute, Yaba, Lagos, Nigeria.*
- 1912 ‡ METCALFE, Rev. J. W., *Holmbank, Westcott, Surrey.*
- 1926 ‡ MICHELMORE, A. P. G., *Saffron Close, Chudleigh, S. Devon.*
- 1935 MICKEL, Prof. C. E., Ph.D., *Division of Entomology, Dept. of Agriculture, University of Minnesota, St. Paul, Minn., U.S.A.*
- 1945 MILES, P. M., *Sun Hill, High-street, Aberystwyth.*
- 1920 ‡ MILLER, D., Ph.D., Chief of Dept. of Entomology, *The Cawthron Institute, Nelson, New Zealand.*
- 1946 MILLER, L. W., M.Agr.Sci., *Dept. Agriculture, Hobart, Tasmania.*
- 1921 MILLER, N. C. E., 4, *Barkston-gardens, Earls Court, London, S.W. 5.*
- 1930 MISRA, Dr. A. B., *Hindu University, Benares, India.*
- 1934 MITCHELL, B. L., *P.O. Box 41, Blantyre, Nyasaland.*
- 1944 MOLLISON, D. W., c/o *Pest Control, Bourn, Cambridge.*
- 1946 ‡ MOORE, B. P., B.Sc., Ph.D., 81, *Burnham-way, West Ealing, London, W. 13.*
- 1937 MOORE, George A., *Lyman Entomological Room, Redpath Museum, McGill University, Montreal, Canada.*
- *1899 ‡ MOORE, Harry.
- 1927 MOORE, H. W. B., 153-15, *109th Road, Jamaica, L.I., New York, U.S.A.*
- 1949 MOORE, N. W., B.A., *Dept. of Zoology, The University, Bristol, 8.*
- 1947 ‡ MORCOS, G., *Entomological Section, Ministry of Agriculture, Cairo, Egypt.*
- 1949 MORGAN, H. D., *Rose Cottage, Newton, Porthcawl, Glam.*
- 1946 ‡ MORGAN, Mrs. M. J., M.Sc., 1, *Whitegate-drive, Siddall, Halifax, Yorks.*
- 1923 ‡ MORISON, G. D., B.Sc., Ph.D. (COUNCIL, 1950-), *Entomological Dept., Marischal College, Aberdeen.*
- 1945 ‡ MORLEY, A. M., O.B.E., M.A., 9, *Radnor Park West, Folkestone, Kent.*
- 1938 ‡ MORLEY, B. D. Wragge, F.Z.S., F.L.S., *Sundial House, Holly Hill, Hampstead, London, N.W. 3.*
- 1895 ‡ MORLEY, Claude, F.G.S., F.Z.S., *Monks Soham House, near Framlingham, Suffolk.*
- 1920 ‡ MORRIS, H. M., M.Sc., *Agricultural Dept., Nicosia, Cyprus.*

- 1948 MORRISON-GODFREY, Lt.-Col. P. W., *Geological Survey Dept., Government of Uganda, Soroti, Uganda.*
- 1931 MOUTIA, L. A., *Dept. of Agriculture, Reduit, Mauritius.*
- 1912 † MULLAN, Jal P., M.A., F.L.S., F.Z.S., 358, *Lamington-road, Grant-road Post, Bombay, 7, India.*
- 1925 MUMFORD, E. P., M.A., M.Sc., *Box 802, Stanford University, California, U.S.A.*
- 1920 MUNRO, H. K., D.Sc., *P.O. Box 513, Pretoria, South Africa.*
- 1918 MUNRO, Prof. J. W., C.B.E., D.Sc., (COUNCIL, 1927-9), *Imperial College of Science, S. Kensington, S.W. 7.*
- 1948 ‡ MURRAY, Rev. D. P., *Avisford Park, near Arundel, Sussex.*
- 1922 ‡ MUSGRAVE, A., *Australian Museum, Sydney, N.S.W., Australia.*
- 1943 MUSGRAVE, A. J., M.Sc., *Entomology Department, Ontario Agricultural College, Guelph, Ontario, Canada.*
- 1945 MUSPRATT, Mrs. V. M., *Aicé Choko, St. Jean-de-Luz, Basses Pyrénées, France.*
- 1938 NARAYANAN AYYAR, E. S., M.A., *Dept. Entomology, Imperial Agricultural Research Institute, New Delhi, India.*
- 1926 ‡ NASH, T. A. M., O.B.E., D.Sc., Ph.D., A.R.C.S., *West African Institute for Trypanosomiasis Research, Kaduna, Nigeria.*
- 1939 NATHAN, Leonard, 19, *Monton-street, Moss Side, Manchester, 14.*
- 1947 ‡ NATVIG, L. R., *University Zoological Museum, Trondheimsvn, 23, Oslo 45, Norway.*
- 1938 NAUDÉ, Dr. T. J., *P.O. Box 513, Pretoria, South Africa.*
- 1919 ‡ NELL, Louis, 122, *Palwell Park, East Sheen, London, S.W. 14.*
- 1919 NELSON, W. G. F. (COUNCIL, 1922-4), 64, *Lincoln's Inn Fields, London, W.C. 2.*
- 1947 NESBITT, H. H. J., M.A., Ph.D., *Division of Entomology, Dept. of Agriculture, Ottawa, Ontario, Canada.*
- 1923 ‡ NEWLAND, Gordon, 166, *Piccadilly, London, W. 1.*
- 1943 ‡ NEWMAN, L. Hugh, 41-2, *Salisbury-road, Bexley, Kent.*
- 1945 ‡ NEWSON, A. J., 41, *Avondale-road, Luton, Beds.*
- 1941 NEWTON, A. H., M.B., Ch.B., *Charles Johnson Memorial Hospital, Nqutu, Zululand, S. Africa.*
- 1946 ‡ NIBLETT, M., 10, *Greenway, Wallington, Surrey.*
- 1921 ‡ NICHOLSON, A. J., D.Sc., *Division of Economic Entomology, C.S.I.R., Box 109 P.O., Canberra, A.C.T., Australia.*
- 1946 NIELSEN, Dr. E. T., *Pilehuset, Frederiksvaerk, Denmark.*
- 1938 ‡ NIXON, G. E. J., B.A. (COUNCIL, 1946-8), *British Museum (Natural History), Cromwell-road, London, S.W. 7.*
- 1943 ‡ NOBLE, James B., F.R.M.S., *Philomath, 174, Huyton-lane, Huyton, Lancs.*
- 1933 ‡ NOTLEY, F. B., Major, M.Sc., *Coffee Research and Experimental Station, Lyamungu, Moshi, Tanganyika Territory.*
- 1941 ‡ O'FARRELL, A. F. L., *New England University College, Armidale, N.S.W., Australia.*
- 1937 ‡ OLDROYD, H., M.A. (EDITOR, 1949-), *British Museum (Natural History), Cromwell-road, London, S.W. 7.*
- 1931 OLIVER, W. R. B., D.Sc., F.L.S., *Dominion Museum, Wellington, N.Z.*
- 1948 OMAN, P. W., Ph.D., *U.S. Bureau of Entomology and Plant Quarantine, U.S. Dept. of Agriculture, Washington, 25, D.C., U.S.A.*
- 1944 O'ROURKE, F. J., M.B., B.Ch., M.Sc., *Dept. of Entomology and Parasitology, Liverpool School of Tropical Medicine, Pembroke Place, Liverpool, 3.*
- 1947 OWEN, D. E., Ph.D., F.G.S., *City Museum, Park Row, Leeds, 1.*

- 1932 PAGDEN, H. T., M.A., *Senior Entomologist, Department of Agriculture, Kuala Lumpur, Malaya.*
- 1949 ‡ PAGE, W. A., 1, *Yew Tree-close, Winchmore Hill, London, N. 21.*
- 1946 ‡ PAL, Rajindar, M.Sc., Ph.D., *Department of Entomology, London School of Hygiene and Tropical Medicine, Keppel-street, London, W.C. 1.*
- 1943 PALMER, A. E., 22, *St. Stevens-avenue, Ealing, London, W. 13.*
- 1916-36, 1944 PALMER, A. R., *Oving, The Avenue, Flitwick, Beds.*
- 1948 ‡ PALMER, Dr. C. R., 519, *London-road, Thornton Heath, Surrey.*
- 1945 PALMER, J. L., O.B.E., F.R.G.S., *Chetwode, Mannamead, Plymouth.*
- 1931 PALMER, K. L., *Meadowlea, Gobowen, Shropshire.*
- 1948 ‡ PANT, N. C., M.Sc., *Imperial College Field Station, Silwood Park, Sunning Hill, Berks.*
- 1947 PARKER, A. H., B.Sc., *Zoological Department, The University, Nottingham.*
- 1935 ‡ PARMENTER, L., 94, *Fairlands-avenue, Thornton Heath, Surrey.*
- 1939 ‡ PARSONS, R. E. R., *Woodlands Lodge, Woodlands Close, Ottershaw, Surrey.*
- 1934 PATERSON, Nellie F., Ph.D., M.Sc., *c/o Department of Zoology, University of the Witwatersand, Milner Park, Johannesburg, S. Africa.*
- 1944 ‡ PATRICK, H. H., F.R.H.S., 5, *Marner-crescent, Radford, Coventry.*
- 1945 PEACE, H. A., *Kiln-road, Hastoe, Tring, Herts.*
- 1922 ‡ PEARCE, The Rev. E. J., M.A., *Priory of St. Teilo, Church-terrace, Roath, Cardiff.*
- 1927 ‡ PEARMAN, J. V., 56, *Clifton Park-road, Clifton, Bristol, 8.*
- 1939 ‡ PEARSON, E. O., *c/o Empire Cotton Growing Corporation, 1a, Harrington-road, South Kensington, London, S.W. 7.*
- 1945 PEARSON, H. M., B.Sc., *Bridge House, Obridge, Taunton, Somerset.*
- 1949 PEARSON, H. R., *Caixa Postal 5151, Rio de Janeiro, Brazil.*
- 1949 ‡ PELHAM-CLINTON, E. C., *Glandyfi Castle, Machynlleth, Mont.*
- 1914 ‡ PENDLEBURY, Major Wm. J. de Monté, M.A., *The Old House, Canonbury, Shrewsbury.*
- 1931 ‡ PENNINGTON, K. M., *Michaelhouse, Balgowan, Natal, S. Africa.*
- 1933 ‡ PERKINS, Mrs. D. M. S., 95, *Hare-lane, Claygate, Esher, Surrey.*
- 1947 PERKINS, F. A., B.S.Agr., *University of Queensland, Brisbane, Queensland, Australia.*
- 1928 ‡ PERKINS, J. F., B.Sc. (COUNCIL, 1945-7), 95, *Hare-lane, Claygate, Esher, Surrey.*
- 1903†‡ PERKINS, R. C. L., M.A., D.Sc., F.R.S., *Downside, Vale Down, Lydford, Devon.*
- 1907 † PERRINS, Capt. J. A. Dyson, *Newbury, Broadheath, Worcester.*
- 1938 ‡ PESCOTT, R. T. M., M.Agric.Sc., *Director, National Museum, Russell-street, Melbourne C. 1, Australia.*
- 1947 PHILIPSON, G. N., B.Sc., *The Hall West, Forest Hall, Newcastle-upon-Tyne.*
- 1948 PHILPOTT, V. W., *Green Hill House, Weymouth.*
- 1947 ‡ PHIPPS, J., M.Sc., D.I.C., *Medical Research Laboratory, Muheza, Tanga, Tanganyika Territory.*
- 1917 ‡ PICKARD-CAMBRIDGE, Sir Arthur W., M.A., D.Litt., *St. Catherine's, Marley, nr. Haslemere, Surrey.*
- 1945 PIELOU, Douglas P., Ph.D., *Dominion Parasite Laboratory, Box 179, Belleville, Ontario, Canada.*
- 1946 PILCHER, R. E. M., M.A., M.B., F.R.C.S., *The Meadows, 39, Spilsby-road, Boston, Lincs.*
- 1932 PINDER, J. E., *Melissa, Belle Vue-road, Salisbury.*
- 1944 ‡ PINNIGER, E. B., *Dalegarth, 5, Endlebury-road, Chingford, London, E. 4.*
- 1913 PLATT, E. E., 403, *Essenwood-road, Durban, Natal.*

- 1949 POPHAM, E. J., D.Sc., Ph.D., A.R.C.S., 132, *Preston New-road, Blackburn, Lancs.*
- 1949 POPOV, G., *Desert Locust Survey, P.O. Box 338, Nairobi, Kenya.*
- 1949 ‡ POROCHIN, Alexis de, 24, *Derby-road, Heaton Moor, Stockport, Cheshire.*
- 1930 ‡ POTTER, C., B.Sc., Ph.D., D.Sc. (COUNCIL, 1941-3), *Rothamsted Experimental Station, Harpenden, Herts.*
- 1929 ‡ POTTS, W. H., B.A., *E.A.T.R.O., Shinyanga, Tanganyika Territory.*
- 1946 ‡ PRADHAN, S., D.Sc., *Entomology Division, Indian Agricultural Research Institute, New Delhi, India.*
- 1948 PRICE, M.D., B.Sc., A.R.C.Sc., 136, *Worple-road, Wimbledon, London, S.W. 19.*
- 1937 PRINGLE, J. A., *Port Elizabeth Museum and Snake Park, P.O. Box 914, Port Elizabeth, S. Africa.*
- 1948 PRYOR, M. G. M., Ph.D., 24, *Barton-road, Cambridge.*
- 1939 ‡ PUGH, C. H. Wallace, *Derwent Dene, Oswestry, Salop.*
- 1949 QADRI, M. A. H., *Dept. of Zoology, Muslim University, Aligarh, U.P., India.*
- 1944 QUIRKE, D. A., M.Agr.Sci., Ph.D., 534, *Edison-avenue, Westboro', Ottawa, Ontario, Canada.*
- 1949 ‡ QURAIISHI, M. S., Ph.D., *c/o Department of Medical Entomology, Public Health Service, Karachi, Pakistan.*
- 1923 RAFF, Miss J. W., *c/o The Librarian, University of Melbourne, Carlton N. 3, Victoria, Australia.*
- 1938 ‡ RAINEY, R. C., *Desert Locust Survey, P.O. Box 338, Nairobi, Kenya.*
- 1912 ‡ RAIT-SMITH, W. (COUNCIL, 1924-6; 1929-31), *Hurstleigh, Linkfield-lane, Redhill, Surrey.*
- 1924 ‡ RALFS, Miss E. M., B.A., F.Z.S. (COUNCIL, 1943-5), *British Museum (Natural History), Cromwell-road, London, S.W. 7.*
- 1946 ‡ RAMACHANDRA RAO, T., M.Sc., *Malaria Organisation, Bombay Province, Dharwar, India.*
- 1946 RAMAKRISHNA, V., M.A., B.Sc., *Malaria Assistant, Malaria Institute of India, Malaria Control Unit, P.O. Mundaji (S.K. District), South India.*
- 1916 ‡ RAMCHANDRA RAO, Rao Bahadur Y., M.A., 7, *Kankanahalli-road, Basa Vangudi, Bangalore 4, India.*
- 1946 READ, G. Dick, M.A., M.D., 25, *Harley-street, London, W. 1.*
- 1946 ‡ REEVE, F. C., F.Z.S., 42, *Cromwell-road, Hove, Sussex.*
- 1939 ‡ REID, J. A., M.Sc., *Institute for Medical Research, Kuala Lumpur, Malaya.*
- 1946 ‡ RENNIE, P. J., A.R.C.S., *c/o School of Forestry, The University, Oxford.*
- 1898 REUTER, Professor ENZIO, *Lönnrotsgatan 35 D, Helsinki, Finland.*
- 1910 ‡ DE RHÉ-PHILIPPE, G. W. V., *Quest End, Highfields, Ashted, Surrey.*
- 1927 ‡ RICHARDS, Arthur J., *Treverbyn, Thursley, Godalming, Surrey.*
- 1933-39, 1946 ‡ RICHARDS, Mrs. M. J., 17, *Inglis-road, Ealing, London, W. 5.*
- 1924 ‡ RICHARDS, O. W., M.A., D.Sc. (V.-PRES., 1945; SECRETARY, 1937-40; COUNCIL, 1931-3, 1941, 1943-5), *Imperial College of Science and Technology, Prince Consort-road, S.W. 7.*
- 1920 ‡ RICHARDS, P. B., *c/o Lloyds Bank Ltd., Truro, Cornwall.*
- 1945 ‡ RICHARDS, W. S., *Dept. of Zoology, University College of N. Wales, Bangor.*
- 1937 ‡ RICHARDSON, A., M.A., *Beaudesert Park, Minchinhampton, Glos.*
- 1945 RICHARDSON, W. A., O.B.E., B.A., B.Sc.(Eng.), D.Sc., F.R.S., *Derby Technical College, Normanton-road, Derby.*

- 1922 ‡ RICHARDSON, Rev. W. H., *Beverley Nook, Watton-road, Knebworth, Herts.*
- 1930 RIES, D. T., M.S., Ph.D., *Dept. Biology, Illinois State Normal University, Normal, Illinois, U.S.A.*
- 1912 ‡ RILEY, N. D., F.Z.S. (SECRETARY, 1941- ; TREASURER, 1939-40 ; SECRETARY, 1926-9 ; V.-PRES., 1929, 1940 ; COUNCIL, 1921-3, 1930, 1933-5, 1938), 7, *McKay-road, Wimbledon, S.W. 20, and British Museum (Natural History), S. Kensington, London, S.W. 7.*
- 1940 ‡ RIPPER, Dr. W. E., *Buccleuch, Harston, nr. Cambridge.*
- 1917 ‡ ROBERTS, A. W. Rymer, M.A., *Applegarth, Cartmel, Grange-over-Sands, Lancs.*
- 1946 ROBERTS, Granville, *P.O. Ngong, Nairobi, Kenya.*
- *1927-37, 1942 ROBINSON, H. S., *Lower Farringdon, Alton, Hants.*
- 1942 ‡ ROCHE, P. J. L., M.R.C.S., L.R.C.P., c/o *D.M.S., Lagos, Nigeria.*
- 1947 ‡ ROCKINGHAM, Lieut.-Cmdr. N. W., R.N., *R.A.F., Middle Wallop, near Stockbridge, Hants.*
- 1921 ‡ ROEBUCK, A. (V.-PRES., 1950 ; COUNCIL, 1950-), *National Agricultural Advisory Service, Shardlow Hall, Shardlow, near Derby.*
- 1946 ‡ ROEPKE, Prof. W., *Entomological Laboratory, Agricultural University, Berg 37, Wageningen, Holland.*
- 1949 ROOS, Dr. Kurt, 2, *Mittlere Str., Basel, Switzerland (and 70, New Oxford-street, London, W.C. 1).*
- 1922 ‡ ROSA, A. F., M.D., 4, *Bellevue-crescent, Edinburgh.*
- 1932 ‡ ROSEVEAR, D. R., *Forest Headquarters, Ibadan, Nigeria.*
- 1930 ‡ ROTHSCHILD, The Hon. Miriam (COUNCIL, 1939-41), *Ashton Wold, Peterborough.*
- 1913-20, 1944 ‡ ROWDEN, A. O., *Rydon Crest, Countess Wear, Exeter, Devon.*
- 1903-10, 1939 ROWLANDS, O. W., *Burleigh, Colwall, Malvern, Worcs.*
- 1943 ‡ RUDLAND, W. L., 97, *Addison-road, Reading, Berks.*
- 1928 ‡ RUSSELL, A. G. B., M.V.O., *Scar Bank House, Swanage, Dorset.*
- 1944 ‡ RUSSWURM, A. D. A., 66, *Kensington Park-road, London, W. 11.*
- 1948 RUTTLEDGE, W., M.A., *Rosturk, Westport, Co. Mayo, Eire.*
- 1919 ‡ ST. AUBYN, John G., F.R.P.S., 14, *Purley Knoll, Purley, Surrey.*
- 1946 SALMON, J. T., D.Sc., *Biology Dept., Victoria University College, P.O. Box 1580, Wellington, C.I., New Zealand.*
- 1928 ‡ SALT, George, Ph.D., D.Sc., Sc.D. (COUNCIL, 1942), *The Zoological Laboratory, Cambridge.*
- 1926 ‡ SAMMAN, Miss M., *The Croft, North Ferriby, E. Yorks.*
- 1933 ‡ SANDEMAN, R. G. C. C., *Dan-y-Parc, Crickhowell, Breconshire.*
- 1946 SANDRASAGARA, T. R., *Entomological Laboratory, National Museums of Ceylon, Cinnamon-gardens, Colombo 7, Ceylon.*
- 1948 SATCHELL, G. H., B.Sc., Ph.D., *Zoology Department, University of Otago, Dunedin, New Zealand.*
- 1945 SAUNDERS, Capt. Curtis, Ph.D., *Army Area Laboratory, Brooke Army Medical Centre, Fort Sam Houston, San Antonio, Texas, U.S.A.*
- 1910 ‡ SAUNDERS, H. A., *Sherwood, Cliff-avenue, Swanage, Dorset.*
- 1923 ‡ SAUNDERS, Prof. L. G., M.Sc., Ph.D., *Dept. of Biology, University of Saskatchewan, Saskatoon, Canada.*
- 1920 SCHARFF, J. W., M.D., D.Ph., *Rydal Mount, Potters Bar, Middx.*
- 1909 ‡ SCOTT, Hugh, M.A., Sc.D., F.R.S., F.L.S. (V.-PRES., 1926 ; COUNCIL, 1925-7), *British Museum (Natural History), Cromwell-road, London, S.W. 7.*
- 1926 ‡ SEVASTOPULO, D. G., c/o *Ralli Bros., Ltd., P.O. Box No. 401, Kampala, Uganda.*

- 1931 SEYDEL, Dr. C., *P.O. Box 712, Elizabethville, Katanga, Congo Belge.*
- 1946 SHARMA, R. C., *c/o Mr. K. O. Sharma, Leader Buildings, Allahabad (U.P.), India.*
- 1925 SHAW, F., *c/o National Bank of Egypt, 6-7, King William-street, E.C. 4.*
- 1923 SHERMAN, J. D., Jun., *132, Primrose-avenue, Mt. Vernon, New York, U.S.A.*
- 1947 SHEWELL, G. E., M.Sc., *Division of Entomology, Science Service, Dept. of Agriculture, Ottawa, Ontario, Canada.*
- 1949 † SHORT, J. R. T., B.Sc., *Jesus College, Oxford.*
- 1929 † SHUTE, P. G., M.B.E., "*Litorea*," *Temple-road, Epsom.*
- 1946 † SIDDORN, J. Walton, *Imperial College Field Station, Silwood Park, Sunninghill, Berks.*
- 1911 † SIMES, J. A., O.B.E. (COUNCIL, 1935-7, 1947-9), *Kingsley Cottage, Queen's-road, Loughton, Essex.*
- 1944 SIMMONDS, F. J., M.A., B.Sc., Ph.D., *Imperial Bureau of Biological Control, 228, Dundas-street, Belleville, Ontario, Canada.*
- 1921 † SIMMS, H. M., B.Sc., *Wellholme, Westminster-avenue, Chester.*
- 1938 SKELLAM, J. G., *585, London-road, Oakhill, Stoke-on-Trent.*
- 1939 † SLATER, N., *70, Leam-terrace, Leamington Spa.*
- 1930 † SMART, John, M.A., B.Sc., Ph.D., D.Sc. (COUNCIL, 1940-2), *Department of Zoology, Downing-street, Cambridge.*
- 1949 † SMITH, Dennis, *95, Elm-road, Leigh-on-Sea, Essex.*
- 1936-1947, 1949 † SMITH, K., F.L.A., *Tullie House, Castle-street, Carlisle, Cumberland.*
- 1948 SMITH, Kenneth G. V., *Antiopa, 38, Barrow-street, Much Wenlock, Shropshire.*
- 1943 SMITH, P. Siviter, *21, Melville Hall, Holly-road, Edgbaston, Birmingham, 16.*
- 1919 SMITH, S. Gordon, F.L.S., *Estyn, Boughton, Cheshire.*
- 1918 † SMITH, W. P., F.Z.S., *Bexton House, Knutsford, Cheshire.*
- 1940 † SNELGROVE, L. E., *The Beeches, Bleadon, Weston-super-Mare, Somerset.*
- 1945 † SNELL, B. B., *Woodsome, Plymyard-avenue, Bromborough, Cheshire.*
- 1948 † SOUTHWOOD, T. R. E., *Parrock Manor, Old Road East, Gravesend, Kent.*
- 1946 † SPENCE, T., *Ministry of Agriculture and Fisheries, Veterinary Laboratory, Weybridge, Surrey.*
- 1949 † SPENCER, K., B.A., *28, Park-drive, N.W. 11.*
- 1908 † SPEYER, E. R., M.A., *Experimental and Research Station, Cheshunt, Herts.*
- 1935 † STAINER, J., *Longmynd, Cherry Point, Cobble Hill, Vancouver Island, B.C., Canada.*
- 1930 STALEY, John, *4, Manor-road, Hayling Island, Hants.*
- 1943 STANIER, E., *The Bungalow, Green-lane, Blythe Bridge, Stoke-on-Trent.*
- 1939 STANLEY, F. C., *Swanmore, Bowes Hill, Rowlands Castle, Hants.*
- 1945 † STANLEY, Peter W., *Badger Dell Apiaries, Barnes-lane, King's Langley, Herts.*
- 1924 † STANLEY-SMITH, F., *Hatch House, Pilgrim's Hatch, Brentwood, Essex.*
- 1928 † STEER, W., *3, Granville-road, Timperley, Cheshire.*
- 1910 † STENTON, R., *22, Milton-road, Harpenden, Herts.*
- 1948 STEPHENSON, P. R., *Agricultural Department, P.O. Box 338, Nairobi, Kenya.*
- 1947 † STEVENSON, J. P., *Flat 713, Chelsea Cloisters, Sloane-avenue, London, S.W. 3.*
- 1948 STEVENSON, P. P. L., *The Firs, Denton, Grantham.*
- 1938 STEVENSON, Capt. R. H. R., *P.O. Hillside, Bulawayo, Southern Rhodesia.*

- 1947 STEYN, J. J., *P.O. Box 6, Letaba, N. Transvaal, S. Africa.*
- 1920 † STIDSTON, Engr.-Capt. S. T., R.N., *Ashe, Ashburton, S. Devon.*
- 1920 † STIDSTON, Engr.-Capt. S. T., R.N., *Ashe Ashburton, S. Devon.*
- 1948 STOCKLEY, Lt.-Col. Charles, *Stonehouse, Nyeri Station, Kenya.*
- 1910 † STONEHAM, Lt.-Col. Hugh F., O.B.F., F.Z.S., M.B.O.U., *The Stoneham Museum, Kitale, Kenya Colony.*
- 1945 † STOUGHTON-HARRIS, G., M.A., F.C.A., *Rosegarth, Waldens-road, Horsell, Woking, Surrey.*
- 1949 STOWER, W. J., B.Sc., *Desert Locust Survey, c/o Dept. of Agriculture, B.M.A. Asmara, Eritrea.*
- 1945 STRICKLAND, A. H., B.A., *W. African Cacao Research Inst., Tafo, Gold Coast, British West Africa.*
- 1947 † STROYAN, H. L. G., M.A., *Dept. of Zoology, The University, Cambridge.*
- 1949 † SWAIN, H. D., 47, *Dryburgh-road, Putney, London, S.W. 15.*
- 1949 † SWEENEY, R. C. H., 11, *Normanton-road, South Croydon, Surrey.*
- 1938 SWEETMAN, Dr. Harvey L., *University of Massachusetts, Amherst, Mass., U.S.A.*
- 1948 SYMONS, Miss Saida, B.Sc., *Natural History Department, Marischal College, Aberdeen, Scotland.*
- 1920 † SYMS, Edgar E., 22, *Woodlands-avenue, Wanstead, E. 11.*
- 1941 † TALHOUK, Abdul Mon'im S., *Aley, Lebanon, Syria.*
- 1916 † TATCHELL, L. S., *Rockleigh Cottage, Swanage, Dorset.*
- 1945 † TAYLOR, A. S., 2, *Luminber, Castle-street, East Looe, Cornwall.*
- 1947 TAYLOR, G. C., M.Sc., B.Agric., *c/o Dept. of Agriculture, Njala via Mano, Sierra Leone, British West Africa.*
- 1931 † TAYLOR, J. Sneyd, M.A., *P.O. Box 23, Fort Beaufort, Cape Province, S. Africa.*
- 1948 † TAYLOR, P. G., 51, *Woodland-drive, Watford, Herts.*
- 1945 † TAYLOR, T. H. C., D.Sc. (COUNCIL, 1949-), *Commonwealth Institute of Entomology, British Museum (Natural History), London, S.W. 7.*
- 1949 TEESDALE, C., B.Sc., *Division of Insect-borne Diseases, P.O. Box 74, Mombasa, Kenya Colony.*
- 1946 † TEMPLE, Miss Vere, *King's Chase, Tollard Royal, Salisbury, Wilts.*
- 1944 THOMPSON, G. H., *St. Edmund Hall, Oxford, and 66, Clifton-road, Rugby.*
- 1925 THOMPSON, H. W., M.Sc., *Ministry of Agriculture and Fisheries, Quarry Dene, Weetwood-lane, Leeds, 6.*
- 1936 THOMPSON, J. A., M.A., *Sulby Hall, Welford, near Rugby, Staffs.*
- 1928 † THOMPSON, W. R., Ph.D., D.Sc., F.R.S. (COUNCIL, 1938-40), *Parasite Laboratory, Bellvue, Ontario, Canada.*
- 1938 THOMSON, Dr. R. C. Muirhead, *c/o Medical Dept., Kingston, Jamaica, B.W.I.*
- 1943 † THOMSON, W. E. F., *Dept. of Tsetse Research, Mbarara, Uganda.*
- 1946 THORNTON, J. N., 123, *Otley Old-road, Leeds, 6.*
- 1948 THORPE, John, *St. Michael's Lodge, Eldorado-road, Cheltenham.*
- 1926 † THORPE, W. H., M.A., Sc.D. (V.-PRES., 1944, 1949; COUNCIL, 1934-6, 1942-4, 1948-), *Zoological Laboratory, The Museums, Cambridge.*
- 1945 † THORSTEINSON, Lt. A. J., *Dept. of Entomology, University of Manitoba, Winnipeg, Canada.*
- 1949 TICKLE, J. D., *Seacroft, Newby Bridge-road, Newby, Scarborough, Yorks.*
- 1948 TIDMAN, D. A., F.R.S. Trop. Med. and H., *c/o Aristobulo del Valk 602, Martinez, F.C.N. G.B.M., Buenos Aires, Argentine.*
- 1941 TIMMS, Cartwright, 524a, *Moseley-road, Birmingham 12.*
- 1920 † TINSLEY, Joseph, *Rose Dene, Oakfields-road, Knebworth, Herts.*
- 1948 TINSLEY, T. W., *Rothamsted Experimental Station, Harpenden, Herts.*

- 1949 TIVEY, F. S., *Edale*, 15, *Windsor-avenue*, *Melbourne*, *Derbyshire*.
- 1949 TOD, Kenneth, *Wellbank*, *by Dundee*, *Angus*, *Scotland*.
- 1897 ‡ TOMLIN, J. R. le B., M.A. (COUNCIL, 1911-13), 23, *Boscobel-road*, *St Leonards-on-Sea*.
- 1934 TONGYAI, M. R. Chakratong, *Section of Entomology*, *Dept. of Agriculture*, *Bangkok*, *Siam*.
- 1928 ‡ TOTTENHAM, Rev. C. E., M.A. (COUNCIL, 1943-5), 39, *Eltisley-avenue*, *Cambridge*.
- 1948 ‡ TRETHOWAN, W. H., M.A., B.Ch., M.R.C.P., 29, *Rotherwick-road*, *Golders Green*, *London*, N.W. 11.
- 1947 ‡ TROUGHT, Trevor, M.A., *Brookland*, *Tysoe*, *Warwickshire*.
- 1949 ‡ TSI, Chao-Seng, *Hawthorndale Laboratories*, *Jealotts Hill Research Station*, *Bracknell*, *Berks*.
- 1930 ‡ TURK, F. A., *Shang-Ri-La*, *Reskadinnick*, *Camborne*, *Cornwall*.
- 1942 TURNER, A. H., F.R.Met.Soc., F.Z.S., *Forest Drove*, *Bickenhall*, *Hatch Beauchamp*, *Taunton*, *Somerset*.
- 1947 URTON, W., A.R.P.S., 706, *Chatsworth-road*, *Chesterfield*.
- 1949 ‡ USINGER, Prof. R. L., B.Sc., Ph.D., *Division of Entomology and Parasitology*, *University of California*, *Berkeley*, *Cal.*, *U.S.A.*
- 1920 ‡ UVAROV, B. P., C.M.G., D.Sc. (COUNCIL, 1938-40, 1950-), *British Museum (Natural History)*, *Cromwell-road*, *S.W. 7*.
- 1945 VALLETTA, Anthony, 214, *Msida-street*, *B'Kara*, *Malta*.
- 1948 ‡ VALLINS, F. T., 4, *Tattenham-grove*, *Tattenham Corner*, *Epsom*, *Surrey*.
- 1946 ‡ VANDERPLANK, F. L., Ph.D., *West African Institute for Trypanosomiasis Research*, *Kaduna*, *Northern Nigeria*.
- 1939 ‡ VAN EMDEN, Dr. F., 20, *Wilton-grove*, *Wimbledon*, *S.W. 19*.
- 1948 VAN KONYNENBURG, Miss Joyce, *Hawthorn House*, *Spalding*, *Lincs*.
- 1948 VAN HILLE, J. C., Ph.D., *Dept. of Zoology*, *Rhodes University College*, *Grahamstown*, *S. Africa*.
- 1944 VAN SOMEREN, G. R. Cunningham, *Public Health Dept.*, *Municipal Council of Nairobi*, *P.O.*, *Box 651*, *Nairobi*, *Kenya Colony*.
- 1922 ‡ VAN SOMEREN, V. G. L., C.M.Z.S., *Box 1682*, *Nairobi*, *Kenya Colony*.
- 1933 VAN SON, G., M.Sc., *P.O. Box 413*, *Transvaal Museum*, *Pretoria*, *South Africa*.
- 1948 VARGAS, Luis, M.D., M.P.H., M.Sc., *Apartado Postal 19205*, *Mexico*, *D.F.*, *Mexico*.
- 1934 ‡ VARLEY, G. C., M.A., Ph.D., *Hope Professor of Zoology (Entomology) in the University of Oxford*, *Hope Department*, *University Museum*, *Oxford*.
- 1904 ‡ ‡ VAUGHAN, Capt. W., *Albion Press*, 50½, *Princess-street*, *Winnipeg*, *Manitoba*, *Canada*.
- 1947 VAYSSIERE, P., *Muséum national d'Histoire naturelle*, 57, *Rue Cuvier*, *Paris Ve*, *France*.
- 1914 ‡ VEITCH, Robert, B.Sc., *Dept. of Agriculture and Stock*, *Brisbane*, *Australia*.
- 1948 VENKATRAMAN, T. V., B.A., M.Sc., *Division of Entomology*, *Indian Agricultural Research Institute*, *New Delhi*, *India*.
- 1935 VERITY, R., M.D., *Caldine*, *Firenze*, *Italy*.
- 1933 ‡ VESEY-FITZGERALD, L. D. E. F., M.B.E., B.Sc., *International Red Locust Control Service*, *Abercorn*, *Northern Rhodesia*.
- 1938 ‡ VINSON, J., *Moka*, *Mauritius*.
- 1940 ‡ WADSWORTH, R. V., 48, *Bunbury-road*, *Northfield*, *Birmingham*.
- 1946 ‡ WAFI, A. K., *Faculty of Agriculture*, *Giza*, *Egypt*.
- 1935 WALKER, Dr. E. M., *Professor of Invertebrate Zoology*, *Dept. of Biology*, *University of Toronto*, *Toronto*, *Canada*.

- 1949 WALKER, Miss J. B., B.Sc., *Legetet, Muharoni, Kenya*.
- 1948 † WALOFF, Miss N., Ph.D., *Dept. of Zoology and Applied Entomology, Imperial College of Science, South Kensington, London, S.W. 7.*
- 1944 WALTON, A. M., 275, *Croxated-road, West Dulwich, London, S.E. 21.*
- 1939 † WALTON, G. A., M.B., Ch.B., 34, *Northumberland-avenue, Redland, Bristol, 6, and Medical Research Laboratory, Nairobi, Kenya.*
- 1908 † WARREN, B. C. S., 3, *Augusta Mansions, Folkestone, Kent.*
- 1948 † WARRICK, G. C., 14, *Donnington-gardens, Reading, Berks.*
- 1949 WATERSTON, A. R., B.Sc., F.R.S.E., *British Middle East Office, Cairo, c/o Foreign Office, Downing-street, London, S.W. 1.*
- 1937 † WATKINS, N. A., M.A., 9, *Druid-road, Stoke Bishop, Bristol 9.*
- 1945 WATKINS, O. G., 20, *Torr View-avenue, Peverell, Plymouth.*
- 1921 WATKINSON, The Rev. Canon G., M.A., *Woodfield, Hipperholme, nr. Halifax.*
- 1918 WATSON, J. H., 20, *St. Paul's-road, Withington, Manchester.*
- 1948 † WATSON, R. W., 15, *Halstead-road, Bitterne Park, Southampton.*
- 1933 † WATTISON, J. T., F.G.S., 8, *Abbey Foregate, Shrewsbury.*
- 1938 † WEATHERILL, L. H., *Bank of England (Glasgow Office), 145, St. Vincent-street, Glasgow.*
- 1945 † WEBB, J. E., B.Sc., Ph.D., *Zoology Department, University College, Ibadan, Nigeria.*
- 1948 WEIGHTMAN, C., *Shilford, Stocksfield-on-Tyne, Northumberland.*
- 1933 † WELTI, A. (TREASURER, 1942- ; COUNCIL, 1939-41), *Marden, 5, Oakley-road, Upper Warlingham, Surrey.*
- 1933 † WELTI, Miss I. M. T., *Marden, 5, Oakley-road, Upper Warlingham, Surrey.*
- 1947 WEST, H. H., 68, *Harley House, London, N.W. 1.*
- 1947 † WHARRY, C. D. L., 200, *Old Brompton-road, London, S.W. 5.*
- 1943 † WHICHER, Leonard S., 6, *Chisholm-road, Richmond, Surrey.*
- 1910 † WHITE, E. Barton, M.R.C.S., *St. Merryn, Braunton, N. Devon.*
- 1946 WHITE, K. M., *Hazelhurst, Blackpool Corner, Axminster, Devon.*
- 1918 † WHITE, Ronald Senior, F.R.S.E., *c/o The Director of Medical Services, Port of Spain, Trinidad, British West Indies.*
- 1949 WHITESIDE, E. F., E.A.T.R.O., *Shinyanga, Tanganyika Territory.*
- 1923 † WHITFIELD, F. G. Sarel, D.I.C., F.R.M.S., *Avebury, Goring-on-Thames, Oxon.*
- 1948 WHITEHEAD, G. B., *Dept. of Zoology, Rhodes University College, Grahams-town, S. Africa.*
- 1948 † WHITEHORN, K. P., 205, *Hither Green-lane, Lewisham, London, S.E. 13.*
- 1913† WHITLEY, P. N., *Brantwood, Halifax, and New College, Oxford.*
- 1948 WHITNALL, A. B. M., M.Sc., 14, *Henry-street, Grahamstown, S. Africa.*
- 1944 WHITWORTH, J. W., F.Z.S., 334, *Leeds-road, Bradford, Yorks.*
- 1926 † WIGGLESWORTH, V. B., M.A., B.Ch., M.D., F.R.S., (PRESIDENT, 1949- ; V.-PRES., 1934, 1939; COUNCIL, 1932-4, 1938-40), *The Gables, Mount Pleasant, Cambridge.*
- 1923 WIGHTMAN, A. J. C., *Aurago, Pulborough, Sussex.*
- 1948 WILKINSON, P. R., *c/o Division of Entomology, C.S.I.R., Box 109, Canberra, Australia.*
- 1923 WILKINSON, Harold, *Dept. of Agriculture, Nairobi, Kenya Colony.*
- 1948 WILLEMSE, Dr. C. J. M., *Eygelshoven, Z.L., Holland.*
- 1911 † WILLIAMS, C. B., M.A., D.Sc. (PRES., 1947-8; V.-PRES., 1942, 1945, 1946, 1949; COUNCIL, 1934-6, 1942, 1944-6, 1949), *Rothamsted Experimental Station, Harpenden, Herts.*
- 1948 † WILLIAMS, D. W., M.Sc., Ph.D., *Dept. of Agriculture, 69, Berkley-street Glasgow.*
- 1943 † WILLIAMS, E. F., *Warley Lea, Brentwood, Essex.*

- 1915 ‡ WILLIAMS, H. B., K.C., LL.D. (V.-PRES., 1944, 1946 ; COUNCIL, 1944-6),
Munstead Oaks, Godalming, Surrey.
- 1948 ‡ WILLIAMS, J. J., *Entomology Department, N.A.A.S., Anstey Hall, Trumpington, Cambridge.*
- 1943 WILLIAMS, Joseph L., A.B., A.M., Ph.D., M.D., *Mercy Douglas Hospital, 5000, Woodland-avenue, Philadelphia, Pa., U.S.A.*
- 1947 ‡ WILLIAMS, J. R., *Dept. of Agriculture, Réduit, Mauritius.*
- 1934 WILSON, F., *c/o Division of Economic Entomology, Box 109, Post Office, Canberra, A.C.T., Australia.*
- 1937 ‡ WILTSHIRE, E. P., *c/o Foreign Office, Downing Street, London, S.W. 1.*
(For bag to Shiraz, Persia.)
- 1938 ‡ WINSTON, G. D., M.R.C.S., L.R.C.P., 85, *Oxford-gardens, London, W. 10.*
- 1949 WING, Prof. Merle W., *Dept. of Zoology, N.C. State College, Raleigh, N.C., U.S.A.*
- 1928 WINTER, A. E., *Langton Lodge, Scotton, Knaresboro, Yorks.*
- 1926 ‡ WOMERSLEY, H., 43, *Carlisle-road, Westbourne Park, Adelaide, S. Australia.*
- 1948 ‡ WOOD-BAKER, C. S., M.Sc., Ph.D., 77, *Greenway, Chislehurst, Kent.*
- 1905 WOODBRIDGE, F. C., *Briar Close, Latchmore-avenue, Gerrard's Cross S.O., Bucks.*
- 1925 ‡ WOODCOCK, A. J. A., M.Sc. (V.-PRES., 1950 ; COUNCIL, 1948-), *Rhianva, 65, Rock-avenue, Gillingham, Kent.*
- 1943 ‡ WOODCOCK, G. S., *Ivy House, Bishops Hall, Brentwood, Essex.*
- 1946 WOODS, G. F., 25, *Gertrude-street, Nelson, Lancs.*
- 1944 ‡ WOODVILLE, H. C., M.Sc., *Dept. of Entomology, National Agricultural Advisory Service, Shaplake Mount, Starcross, Exeter, Devon.*
- 1925 ‡ WOODWARD, Capt. G. C., R.N., *The Red House, 10, Bordyke, Tonbridge, Kent.*
- 1948 ‡ WOODWARD, T. E., *Dept. of Zoology, Auckland University College, Auckland, New Zealand.*
- 1921 WOOLLETT, G. F. C., *Parklands, Merrow, Guildford, Surrey.*
- 1926 ‡ DE WORMS, The Baron, M.A., Ph.D., A.I.C., F.R.I.C., M.B.O.U. *West-croft, 26, Common Close, Horsell, Woking, Surrey.*
- 1946 WORTHINGTON-STUART, Brian, 51, *Albemarle-road, Beckenham, Kent.*
- 1927 WRIGHT, A. E., *Brunleigh, Kent Bank-road, Grange-over-Sands.*
- 1947 WYNTER-BLYTH, M. A., M.A., *Rajkumar College, Rajkot, Kathiawar, India.*
- 1936 ‡ YARROW, I. H. H., M.A., Ph.D., D.I.C., *Agricultural Advisory Office, 7, Redlands-road, Reading, Berks.*
- 1949 ‡ YOUTEN, G. H., *Greenhurst, 63, Salisbury-road, Dover.*
- 1949 ZUMPT, F. K. E., Ph.D., *S. African Institute for Medical Research, P.O. Box 1038, Johannesburg, S. Africa.*

BENEFACTIONS.

List of Donations of the amount or value of Twenty pounds and upwards.

1852.

Miss BROMFIELD, 67 volumes from the library of W. A. Bromfield.

1861.

H. T. STAINTON, towards cost of alterations of premises, £25.

1864.

J. W. DUNNING, £123 5s.*

1867.

The same, towards cost of publications, £105.

1868.

H. J. FUST, towards the cost of his paper on Geographical Distribution, £25.
The ROYAL SOCIETY, for the same, £25.

1869.

J. W. DUNNING, £50.

W. W. SAUNDERS, cost of drawing and engraving 24 plates for Pascoe's "Longicornia Malayana."

1870.

J. W. DUNNING, £20.

The same, the entire stock of eight vols. of the Transactions.

1872.

The same, towards cost of publications, £50.

1875.

The same, cost of removal of Library and new book-cases, £99, 17s. 4d.

1876.

The same, towards cost of publications, £150.

1879.

H. T. STAINTON, £20 10s. 6d.

1880.

The same, £20.

1881.

J. W. DUNNING, towards cost of publications, £40.

H. T. STAINTON, for the same, £25.

1882.

The same, £30.

1883.

The same, £35.

* It has not always been possible to find the exact purpose for which the earlier money gifts were intended, but they appear to have been usually in support of the publications.

1884.

J. W. DUNNING, £50.

H. T. STANTON, £40.

W. B. SPENCE, his late father's library.

1885.

J. W. DUNNING, £35.

The same, the whole cost of the Society's Charter.

1893.

The same, towards cost of publishing the Library Catalogue, £25.

1894.

The same, £45.

The Misses SWAN, £250 for the "Westwood Bequest," the interest to be used for plates in the Transactions.

F. D. GODMAN (in this and subsequent years), "Biologia Centrali-Americana."

1898.

Mrs. STANTON, about 800 volumes and pamphlets from H. T. Stanton's Library.

1899.

S. STEVENS, Legacy, £100.

1902.

G. W. PALMER, M.P., towards cost of printing G. A. K. Marshall's paper on the Bionomics of African Insects, £30.

Prof. E. B. POULTON, towards cost of plates, £65.

1903.

H. J. ELWES, cost of plates to illustrate his paper on the Butterflies of Chile, £36 18s. 2d.

F. D. GODMAN, cost of plates to illustrate his paper on Central and S. American Erycinidae.

1904.

H. L. L. FELTHAM, towards cost of plates for R. Trimen's paper on S. African Lepidoptera, £20.

1906.

The same, towards cost of plates for R. Trimen's paper on African Lepidoptera, £20.

1908.

E. A. ELLIOTT (in this and subsequent years), Wytsman's "Genera Insectorum."

1909.

CH. OBERTHÜR (in this and subsequent years), his "Lépidopterologie comparée."

1910.

Dr. T. A. CHAPMAN, towards cost of plates for his papers on Life-histories of Lepidoptera, £25.

1911.

Sir G. KENRICK, Bart., cost of plates for his paper on Butterflies of Dutch New Guinea, £54.

1912.

Dr. T. A. CHAPMAN, cost of plates for his papers on Life-histories of Lepidoptera, £35 6s. 5d.

1913.

The ROYAL SOCIETY, towards the publication of D. Sharp's paper on the Genitalia of Coleoptera, £60.

1914.

F. D. GODMAN, cost of plates for G. C. Champion's papers on Mexican and Central American Coleoptera, £22 7s. 6d.

G. T. BETHUNE-BAKER, cost of 12 plates illustrating his Presidential Address.

1915.

J. J. JOICEY, cost of plates for his papers on Lepidoptera from Dutch New Guinea, £82 11s.
Dr. G. B. LONGSTAFF, cost of plates for Dr. Dixey's paper on New Pierines, £32.

1916.

Dr. T. A. CHAPMAN, for plates, £68 7s. 3d.

1917.

Mrs. MELDOLA, for books for the Library, £31 10s.
E. E. GREEN, large binocular microscope.

1919.

Dr. T. A. CHAPMAN, F.R.S., cost of plates to illustrate his papers, £56 19s. 3d.

1920.

Donations in aid of purchase of 41, Queen's Gate—

Dr. G. B. LONGSTAFFE, £1000.

The Honble. N. C. ROTHSCHILD, £500.

Dr. H. ELTRINGHAM, Sir G. H. KENRICK, The Rev. F. D. MORICE, W. G. SHELDON, each £100.

R. ADKIN, G. T. BETHUNE-BAKER, Dr. T. A. CHAPMAN, W. M. CHRISTY, H. MASSEY, Prof. E. B. POULTON, each £50.

B. H. CRABTREE, E. E. GREEN, Dr. G. A. K. MARSHALL, G. A. J. ROTHNEY, each £25.
H. E. ANDREWES, £21.

H. J. ELWES, E. B. NEVISON, G. T. PORRITT, O. WHITTAKER, each £20.

Dame ALICE GODMAN, book-shelves and fittings for the Library.

J. J. JOICEY, in aid of the furnishing of 41, Queen's Gate, £100.

Dr. T. A. CHAPMAN, F.R.S., cost of plates to illustrate his paper, £30.

1921.

Donations in aid of the purchase of 41, Queen's Gate—

The Rt. Hon. LORD ROTHSCHILD, £105.

W. M. CHRISTY, £50, making with a similar donation in 1920, £100 in all.

W. G. F. NELSON, £63, reduction of solicitor's charges.

W. J. KAYE, £50.

W. SCHMASSMAN, £50.

R. ADKIN, £40, cancellation of debentures drawn.

E. C. BEDWELL, £28 7s. 6d., reduction of surveyor's charges.

H. WILLOUGHBY ELLIS, £26 5s.

Lt.-Col. R. S. WILSON, £25.

H. ST. JOHN DONISTHORPE, £21.

Miss E. F. CHAWNER, £20.

Sir JOHN T. D. LLEWELYN, Bart., £20.

K. J. MORTON, £20.

J. J. JOICEY, Lantern and Stand for the Meeting Room.

Dr. T. A. CHAPMAN, F.R.S., £29 5s., to illustrate his paper in the Transactions, 1920.

The Rt. Hon. LORD ROTHSCHILD, £22 15s. 4d., cost of plates in the Proceedings for 1920.

JESUS COLLEGE, OXFORD, through Prof. E. B. POULTON, F.R.S., £100.

1922.

Donations in aid of the purchase of 41, Queen's Gate—

The Misses CHAPMAN, in memory of their brother, the late Dr. T. A. Chapman, F.R.S. £500.

G. A. J. ROTHNEY (bequest), £150.

R. ADKIN, £70, cancellation of debentures drawn.

E. E. GREEN, £25 (making £50 in all).

W. H. B. FLETCHER, £25.

Sir A. BUCHAN-HEPBURN, Bart., £20.

E. W. ADAIR, £20.

The Misses CHAPMAN, two bookcases.

1923.

Donations in aid of the purchase of 41, Queen's Gate—

The Honble. N. C. ROTHSCHILD (bequest), £1000.

R. ADKIN, £90, cancellation of debentures drawn (making £200 in all).

A. C. F. MORGAN, £20.

H. J. TURNER, £20.

1924.

DONATIONS IN AID OF THE PURCHASE OF 41, QUEEN'S GATE—

E. B. BOSTOCK, £21.

Miss M. E. FOUNTAINE, £20.

H. H. C. J. DRUCE (bequest), £1000, interest to be spent on new books.

Prof. E. B. POULTON, F.R.S., authorised contribution from the Fund for promoting the study of organic and social evolution, presented to the University of Oxford by Professor J. Mark Baldwin, £130 15s. 4d.

JESUS COLLEGE, OXFORD, through Prof. E. B. Poulton, F.R.S., £125.

H. WILLOUGHBY ELLIS, contribution towards new electric light installation at 41, Queen's Gate, £50.

1925.

A. H. JONES (bequest), £100.

G. T. BETHUNE-BAKER, £30, towards the cost of the plates in his paper.

E. A. ELLIOTT, in continuation of his practice since 1908, Wytzman's "*Genera Insectorum*," amounting to a total value of £225.

THE ROYAL SOCIETY, £100, towards the cost of Mr. H. S. Pruthi's paper.

1926.

THE ROYAL SOCIETY, £150, towards the cost of Mr. Warren's paper.

1927.

Rev. F. D. MORICE (bequest), £200.

Prof. E. B. POULTON, F.R.S., authorised contribution from the Fund for promoting the study of organic and social evolution, presented to the University of Oxford by Professor J. Mark Baldwin, £40 16s.

1928.

R. W. LLOYD, the entire cost of the panelling and ceiling in the new Meeting Room, together with the Presidential Desk and Chair.

Col. J. W. YERBURY (bequest), £50.

1929.

THE EMPIRE MARKETING BOARD, £96 8s. 5d., the entire cost of Mr. B. P. Uvarov's paper.

Prof. E. B. POULTON, F.R.S., authorised contribution from the Fund for promoting the study of organic and social evolution, presented to the University of Oxford by Professor J. Mark Baldwin, £85 11s.

THE ROYAL SOCIETY, £90, towards the cost of Mr. F. W. Edwards' paper.

1930.

R. ADKIN, the entire cost of the Epidiascope and screen.

Dr. K. JORDAN, £50 donation in aid of building the new Meeting Room.

H. WILLOUGHBY ELLIS, £50 donation in aid of building the new Meeting Room.

Dr. R. STEWART MACDOUGALL, £110, being the cost of a bookcase and table for the Library, in memory of his wife.

JESUS COLLEGE, OXFORD, through Professor E. B. Poulton, F.R.S., £25.

Mdme. A. DE HORRACK-FOURNIER, cost of plate illustrating Mr. Lathy's paper, £20 5s.

THE TRUSTEES OF THE CARNEGIE (U.K.) FUND, £500 for the purchase of books for the Library.

Mrs. EATON, a selection of books from the Library of her husband.

E. A. ELLIOTT, in continuation of his practice since 1908, Wytzman's "*Genera Insectorum*."

P. I. LATHY, "*Thésés entomologiques*," copy No. 2, including a proof set of the plates uncoloured.

1931.

EMPIRE MARKETING BOARD, towards the cost of Mr. B. P. Uvarov's paper, £231.

Prof. E. B. POULTON, F.R.S., authorised contribution from the Fund for promoting the study of organic and social evolution, presented to the University of Oxford by Professor J. Mark Baldwin, £110.

JESUS COLLEGE OXFORD, through Prof. E. B. Poulton, F.R.S., £20.

BOARD OF THE CARNEGIE FUND IN SOUTH AFRICA, the entire cost of the plates illustrating Prof. A. J. T. Janse's paper.

1932.

Prof. R. MELDOLA (bequest), £450.

Prof. E. B. POULTON, F.R.S., authorised contribution from the Fund for promoting the study of organic and social evolution, presented to the University of Oxford by Prof. J. Mark Baldwin, £50

JESUS COLLEGE, OXFORD, through Prof. E. B. Poulton, F.R.S., £30.

Dr. F. MORTON JONES, cost of plate illustrating his paper, £20 10s.

Donations to Centenary Fund—

Fleet-Paymaster T. BAINBRIGGE FLETCHER, R.N., £35.

C. W. M. PRAED, £26 5s.

R. ADKIN, £25.

Prof. W. A. F. BALFOUR-BROWNE, F.R.S.E., £20.

Dr. H. ELTRINGHAM, F.R.S., £20.

1933.

Donations to Centenary Fund—

Prof. E. B. POULTON, F.R.S., £100.

Prof. W. A. F. BALFOUR-BROWNE, F.R.S.E., £20, making with a similar donation in 1932, £40 in all.

H. WILLOUGHBY ELLIS, £20.

LORD ROTHSCHILD, F.R.S., £20.

EMPIRE MARKETING BOARD, towards the cost of the paper by O. W. Richards and W. S. Thomson, £75.

THE HIGH COMMISSIONER FOR INDIA, towards the cost of the paper by U.S. Sharga, £30.

1934.

THE ROYAL SOCIETY, £75, towards the cost of Dr. O. W. Richards' paper.

1935.

R. ADKIN (bequest), £250, and a selection of the books from his library.

R. W. LLOYD, the entire cost of Jacob Huebner's collection of manuscripts, plates and drawings.

C. B. HOLMAN-HUNT (bequest), £100, for the Library.

THE ROYAL SOCIETY, £70, towards the cost of Prof. G. D. Hale Carpenter's paper.

Fleet-Paymaster T. BAINBRIGGE FLETCHER, R.N., a selection of the books from his library.

H. G. CHAMPION, a selection of books from the library of the late G. C. Champion.

1936.

THE TRUSTEES OF THE HERBERT SPENCER ESTATE, £1241, being one-twelfth part of the residuary estate of Herbert Spencer.

THE GOVERNMENT OF TANGANYIKA TERRITORY, £330, towards the cost of Mr. C. F. M. Swynnerton's paper.

Miss C. LONGFIELD, £33 15s., being the cost of her paper.

THE CARNEGIE TRUST FOR THE UNIVERSITIES OF SCOTLAND, £23 13s., towards the cost of Mr. R. Carrick's paper.

1937.

THE ROYAL SOCIETY, £100, towards the cost of Mr. Francis Hemming's book on *Jacob Hübner*.

1938.

THE ROYAL SOCIETY, £72, towards the cost of Prof. C. E. Mickel's paper.

1939.

W. S. GILLES (bequest), £2000.

J. J. WALKER (bequest), £100.

R. W. LLOYD, £20, towards the cost of purchase of a set of the *Journal of the Asiatic Society of Bengal*.

Dr. R. VERITY, the cost of 8 plates illustrating his paper.

THE IMPERIAL INSTITUTE OF ENTOMOLOGY, Locust Research Fund, £100, towards the cost of Dr. J. S. Kennedy's paper.

THE ROYAL SOCIETY, £80, towards the cost of Dr. O. W. Richards' paper.

1940.

W. S. GILLES (bequest), £1600.

1941.

Dr. L. G. HIGGINS, £200, towards the cost of his paper.

W. S. GILLES (bequest), £101 11s. 4d.

Miss M. E. FOUNTAINE (bequest), £100.

Miss JANET RIDDELL, £50, towards the cost of her paper.

THE ROYAL SOCIETY (on behalf of the Rockefeller Foundation Gift in aid of Scientific Publications), £50.

1942.

THE ROYAL SOCIETY, £100, from the Government Publications Fund towards the cost of Dr. C. B. Williams' paper.

THE ROYAL SOCIETY, £100 from the Rockefeller Foundation Gift in aid of Scientific Publications.

The Estate of the late D. S. WILKINSON, £200, towards the cost of publishing Lieut. Wilkinson's paper on *Apanteles*.

1943.

THE ROYAL SOCIETY, £100, from the Government Publications Fund.

THE ROYAL SOCIETY, £200, from the Rockefeller Foundation Gift in aid of Scientific Publications.

1944.

THE ROYAL SOCIETY, £250, from the Rockefeller Foundation Gift in aid of Scientific Publications.

THE EGYPTIAN GOVERNMENT, £115, towards the cost of Dr. A. A. G. Hassan's paper.

Prof. G. D. HALE CARPENTER, £50, from the E. B. Poulton Fund towards the cost of the paper by himself and Dr. B. M. Hobby.

1945.

THE ROYAL SOCIETY, £330, from the Government Grant in aid of Scientific Publications.

THE ROYAL SOCIETY, £250, from the Rockefeller Foundation Gift in aid of Scientific Publications.

1946.

THE ROYAL SOCIETY, £240, from the Government Grant in aid of Scientific Publications.

Prof. T. D. A. COCKERELL, £200, donation to Library Catalogue Fund.

Mr. H. E. ANDREWES, his entire library of works on Coleoptera.

1947.

THE ROYAL SOCIETY, £600, from the Government Grant in aid of Scientific Publications towards the cost of the Handbooks on British Insects.

TRINITY COLLEGE, DUBLIN, £50, towards the cost of Dr. B. P. Beirne's paper.

THE ROYAL SOCIETY, £364 3s. 6d. from the Government Grant in aid of Scientific Publications, being the cost of Dr. J. W. Evans' paper.

1948.

THE ROYAL SOCIETY, £366, from the Government Grant in Aid of Scientific Publications.

HUGH MAIN (bequest), £100.

AN ANONYMOUS FELLOW, £52 10s. towards the purchase of books for the Library.

THE ANTI-LOCUST RESEARCH CENTRE, £50, towards the cost of Dr. B. P. Uvarov's paper.

THE EAST AFRICAN TSETSE RESEARCH ORGANISATION, £21 13s. 8d., being the cost of the plates illustrating Dr. C. H. N. Jackson's paper in *Proceedings Series A*.

C. J. WAINWRIGHT (bequest), a first selection of the books from his library and the whole of his large collection of reprints.

1949

THE ROYAL SOCIETY, £250, from the Government Grant in aid of Scientific Publications towards the cost of the Rev. C. E. Tottenham's paper.

THE E. B. POULTON FUND FOR THE STUDY OF EVOLUTION, £200, towards the cost of the coloured plates illustrating Professor G. D. Hale Carpenter's paper.

Mr. R. W. LLOYD, £116 7s. 9d., being the balance of the cost of the coloured plates illustrating the above paper.

Dr. F. L. VANDERPLANK, £52 10s. 4d., being the cost of the coloured and half-tone plates illustrating his papers in *Proceedings Series B*.

INDEX. Vols. 1-14 inclusive.

Compiled by Mr. C. N. HAWKINS.

(NOTE.—Generic or specific names in square brackets [] indicate that this name has been used in one or more of the references.)

- Aberrations of Butterflies, 1 : 13, 22 ; 4 : 10
abdominalis, *Macrocentrus*, 5 : 15
abeona, *Tisiphone*, 1 : 18
Abraxas grossulariata, 2 : 17 ; 9 : 48, 53 ;
 11 : 9
absynthii, *Cucullia*, 8 : 42
absynthium, *Artemisia*, 8 : 30, 42
acantha, *Polyrhachis*, 1 : 1
Acanthomyops alienus, 8 : 48
Acanthomyops (Chthonolasius) mixtus, 7 :
 10 ; 12 : 38
Acanthomyops (Dendrolasius) [Lasius] fuli-
ginosus, 5 : 18, 23 ; 7 : 10
Acanthomyops [Lasius] niger, 5 : 23 ; 7 : 10 ;
 10 : 22
acasta, *Melittobia*, 6 : 46
acer, *Ranunculus*, 8 : 52
acerata, *Acraea*, 4 : 25
Achatina spp., 13 : 52 ; 14 : 31
Acoelius, 6 : 43
Acosmetia caliginosa, 8 : 43
Acraea spp., 4 : 25 ; 10 : 35 ; 11 : 25, 70 ;
 14 : 48
 ACRIDIDAE, 8 : 55 ; 9 : 14 ; 12 : 34 ; 13 :
 22, 70
Acrolepia assectella, 9 : 2
acutiformis, *Carex*, 13 : 42
 Address, Loyal, 1 : 7, 8 ; 2 : 6 ; 12 : 53
 Address, Presidential, 1 : 54 ; 4 : 47 ; 6 :
 40 ; 9 : 47 ; 11 : 59 ; 13 : 66
Aedes cantans, 14 : 42
Aedes (Stegomyia) aegypti, 3 : 17 ; 14 : 36
Aedes (Stegomyia) albopictus, 14 : 36
Aegeria [Sesia] andrenaeformis [andreni-
formis], 13 : 8
Aegeria [Sesia] culiciformis, 13 : 8
Aegeria formicaeformis, 9 : 7
aegeus, *Papilio*, 1 : 22
aegyptiacus, *Sphex*, 12 : 37
aegypti, *Aedes (Stegomyia)*, 3 : 17 ; 14 : 36
aenea, *Cordulia*, 8 : 48
aeneomicans, *Aphthana*, 9 : 27
aeneus, *Eristalis*, 8 : 47
Aeshna mixta, 12 : 34
aestivalis, *Litomastix*, 13 : 53
aethiops, *Erebia*, 8 : 8
aganice, *Bematistes*, 11 : 71, 72
Ageniaspis fuscicollis, 8 : 53
Ageronia februa, 13 : 28
Aglais urticae, 11 : 20, 33
Aglossa ocellalis, 9 : 2
 Agricultural entomological service, growth
 and scope of, 4 : 48
Agriotes spp., 12 : 2
 AGROMYZIDAE, 13 : 51
akamushi, *Trombicula*, 9 : 18
alaskensis, *Nematus (Pikonema)*, 14 : 37
 (footnote)
alba, *Betula*, 8 : 30, 43
albidentatus, *Brachycerus*, 12 : 38
albopictus, *Aedes (Stegomyia)*, 14 : 36
albopilosum, *Andrenosoma*, 14 : 20
Alchornea floribunda, 9 : 34
alcinoë, *Bematistes*, 11 : 72
Aleochara, 6 : 48
alienus, *Acanthomyops*, 8 : 48
 ALLOTRIINAE, 6 : 46
alnivora, *Pristiphora*, 12 : 29
Alnus, 8 : 29, 42
alpicola, *Amathes*, 11 : 17
alticeps, *Phodaga*, 4 : 10
Amathes alpicola, 11 : 17
Amauris niavius, 11 : 64, 66
amerinae, *Pseudoclavellaria*, 14 : 37 (foot-
 note)
Ammophila campestris, 8 : 22
Ammophila sp. (Bot.), 8 : 29
 Anaesthetics, had effect on bees of use of,
 during marking, 12 : 29
Anaphaeis (Belonois) aurota (mesentina), 3 :
 38
Anastatus spp., 13 : 29
anchisiades, *Papilio*, 13 : 24
Ancylorhynchus (= Xiphocerus) cruciger, 11 :
 65
andrenaeformis [andreniformis], *Aegeria*
[Sesia], 13 : 8
andreniformis, *Nyassa*, 1 : 29
Andrenosoma albopilosum, 14 : 20
androgeus, *Papilio*, 1 : 22
Andronymus neander, 13 : 75, 78, 80
Anemopsyche (Agirpa) wardi, 4 : 25
Anepia irregularis, 8 : 30, 43
Angitia cerophaga, 4 : 18
Angitia fenestralis, 4 : 18
Angitia sp. n., 14 : 47
Angraecum sesquipedale, 8 : 39
angustulus, *Corymbites*, 5 : 28

- Anisandrus dispar*, 6 : 15
 ANISOPIIDAE, 11 : 45
Anisopus fenestralis, 11 : 38
Anopheles maculipennis, 11 : 24, 30
Antheraea mylitta, 12 : 29
Anthrenus spp., 7 : 18 ; 9 : 2
 ANTHRIBIDAE, 8 : 14
Anthylis sp., 8 : 44
 "Anting" in birds, Notes on, 10 : 2, 13, 22, 29
antiopa, *Nymphalis*, 11 : 67
antiqua, *Orgyia*, 13 : 14
 Ant-nests, *Cossus cossus* pupating in, 12 : 32, 36, 41
 Ants, Gynandromorphous, 10 : 34, 39
 Ants, Mixed colonies of, 5 : 18, 23, 29 ; 7 : 10 ; 9 : 28
Apanteles pinicola, 9 : 14
Apanteles sp. n., 14 : 47
Aputura iris, 2 : 53 ; 3 : 62
Aphantopus [*Epinephele*] *hyperantus* [*hyperanthus*], 8 : 45
 APHELININAE, 6 : 43
Aphelocheirus, 11 : 20 ; 12 : 18
Aphelocheirus montandoni, 10 : 31
Aphis fabae, 8 : 51, 52
Aphomia spp., 8 : 18 ; 12 : 39
Aphthona spp., 9 : 27 ; 12 : 19
Apion spp., 10 : 36 ; 12 : 19 ; 14 : 31
Aplasta ononaria, 13 : 56 ; 14 : 55
 Apples, damage to growing, A cause of, 4 : 49, 50
Apteropanorpa tasmaniensis, 10 : 24
Aquilegia spp., 12 : 29
Arachnocampa luminosa, 14 : 8
Aranea raji betulae, 14 : 41
Araschnia levana, 2 : 19 ; 11 : 20
arborea, *Gmelina*, 8 : 49
 Arborescent food-plants, Possible significance of insect association with, 7 : 17
archippus, *Danaus*, 8 : 26
Arctia spp., 9 : 29 ; 13 : 28
 ARCTIIDAE, 13 : 28
areator, *Hemiteles*, 6 : 44
arenarius, *Platystethus*, 9 : 22
Arenostola spp., 8 : 42
Argynnis [*Dryas*] *paphia*, 3 : 5 ; 9 : 50
Argynnis spp., 2 : 40 ; 13 : 14
Argyroproctoe variegana, 5 : 15
arion, *Maculinea*, 2 : 53 ; 3 : 62 ; 7 : 27 ; 8 : 60 ; 9 : 40 ; 10 : 41 ; 11 : 48, 59 ; 12 : 54 ; 13 : 56 ; 14 : 54
armigera, *Heliothis*, 12 : 44
Armigeres flavus, 14 : 16
Arsinoë, 6 : 48
Artemisia spp., 8 : 30, 42, 54
arundinacea, *Festuca*, 8 : 30
arundinis, *Macrogaster*, 8 : 42
arvensis, *Convolvulus*, 8 : 30
Ascia monuste, 3 : 26 ; 13 : 75, 78, 79, 80
Asclepias spp., 7 : 18 ; 11 : 42
assectella, *Acrolepia*, 9 : 2
atalanta, *Vanessa*, 4 : 2
ater, *Thysanus*, 14 : 50
atrator, *Meteor*, 10 : 22
atrebatensis, *A. urticae* ab., 11 : 38
atripes, *Lagria*, 13 : 53
atroparvus, *A. maculipennis* var., 11 : 30
 ATTELABINAE, 8 : 14
 AUCHENORRHYNCHA, 13 : 22
 Aural myiasis, Cases of, reported, 1 : 2
auratus, *Chrysocentrus*, 2 : 5
aureliaeformis, *Melitaea*, 3 : 29
 Aurelian Society, Historical documents relating to, shown, 5 : 22
aureosquamata, *Melittia*, 8 : 19
auricularia, *Forficula*, 1 : 43 ; 8 : 36
aurinia, *Melittaea*, 8 : 3
aurota (*mesentina*), *Anaphaeis* (*Belenois*), 3 : 38
aurulenta, *Osmia*, 1 : 5
austrica, *Vespa* [*Vespa*], 6 : 43 ; 12 : 13
 Authors, Rules for Guidance of, 5 : 25 ; 6 : 2
autumnalis, *Trombicula*, 9 : 17
 Bacteria, Symbiotic, as source of vitamins, 1 : 1 ; 10 : 12
 Bark-borers, Destructive effects of, in forests, 8 : 48, 52
batavus, *Lycaena dispar*, s.sp., 2 : 53 ; 3 : 62 ; 7 : 27 ; 14 : 55
Bathysolen nubilus, 13 : 53
 Bats, attacks of, on insects, 3 : 37 ; 10 : 17
bayleyi, *Dendrocitta*, 10 : 13
 Beak-marks, Records of, 3 : 25 ; 8 : 7 ; 11 : 6 ; 14 : 14
 Beckwith, J. (1788), Coloured drawings by, 9 : 2, 7
 Bees—Behaviour of, some recent studies in the, 12 : 40
 Bees, Distribution of, in Great Britain, 8 : 22
 Bees, Effect on, of use of anaesthetics during marking, 12 : 29
 Bees, Parasites of Humble-, Some, 12 : 39
 Bees, Parasitism in, 13 : 44
 Bees, Physiology and behaviour of Honey-, 13 : 2, 8
 Bees, Wing-hooks in, Significance of number of, 14 : 2, 8
 Beetle larvae, Aquatic, with false-chelate leg, 11 : 32
 Beetle larvae, Respiratory gills of, 12 : 6
 Beetle pupae, Gills of some aquatic, 12 : 6
 Beetle pupae, Protective devices in, 11 : 13
 Behaviour, insect, Some recent studies on, 12 : 40 ; 13 : 2, 8
 Behaviour of body louse, 8 : 34
 Behaviour, migratory, Definition of, 12 : 44
Belenois mesentina, 13 : 74
Bematistes (formerly *Planema*) spp., 1 : 2 ; 11 : 66, 68 to 73
Betula alba, 8 : 30, 43
Biblopectus sp., 9 : 36
bicarinatus, *Matus*, 11 : 32
bicolorata, *Plemyria*, 8 : 30, 43
bicornis, *Hymenopus*, 9 : 2, 7
biformis, *Wandolleckia*, 13 : 52
biguttatus, *Tabanus*, 14 : 16
bilunaria, *Selenia*, 9 : 51
bimacula, *P. dominula* ab., 9 : 52
 Biological control, 1 : 65, 66
 Biological control of spruce sawfly, 2 : 10 ; 3 : 26

- Biological control of *Plutella maculipennis*, 4 : 18 ; 13 : 40, 47
 Biological control of *Achatina*, 14 : 31
 Biological Council, The, Principal objects of, 11 : 26
 Biological Council, The, Publications of, "Contents Lists," 12 : 14
 Birds, Attacks of, on butterflies, 1 : 11 ; 2 : 19 ; 3 : 25 ; 37 ; 4 : 2
 Birds, Hornets and, Neighbouring nests of, 12 : 46
 Birds, Sex-linkage in, 9 : 48
 Birds, Warning coloration among, 11 : 28, 33
bisselliella, *Tineola*, 10 : 22
Biston strataria ab. *robinaria* (?), 8 : 19
bistortata, *Ectropis*, 9 : 52
blaisdelli, *Clidophleps*, 4 : 10
Blastothrix sericea, 1 : 65
 BLATTIDAE, 11 : 42
blattidarum, *Anastatus*, 13 : 29
 BLEPHAROCERIDAE, New species of, 3 : 5
blomeri, *Discoloria*, 8 : 42
Boerhaavia sp., 10 : 35
bolina, *Hypolimnas*, 2 : 14
bombi, *Sphaerularia*, 12 : 39
Bombus, 6 : 43
Bombus spp., 2 : 9 ; 8 : 22, 23
 BOMBYLIDAE, 6 : 47
Bombyx mori, 9 : 50
bonannii, *Megathrips*, 9 : 1, 2, 7
Bothriocyrtum californicum, 2 : 40
Brachionycha nubeculosa, 8 : 30, 43
 BRACHYCERINAE, Comparison of, with other short-nosed weevils, 12 : 38
Brachycerus spp., Food-plants accepted by, in captivity, 12 : 38
Brachycoma devia, 12 : 39
brachyptera, *Metriopectera*, 2 : 2
 Brachypterism, Variation in, in BRACONIDAE, 5 : 15
brassicacae, *Pieris*, 5 : 29 ; 8 : 43 ; 12 : 43 ; 13 : 71, 73, 78, 79, 80
Brassolis isthmia, 8 : 7
Braula sp., 9 : 9
 BRAULIDAE, 6 : 47 ; 9 : 10
 BRAULIDAE, Affinities of, 9 : 9
braziliensis, *Vanessa*, 13 : 38
 Brentid beetle, Living, from imported Brazilian timber, 12 : 34
Brephos parthenias, 13 : 53
brevilinea, *Arenostola*, 8 : 42
 BRUCHIDAE, 8 : 49
Bruchidius unicolor, 12 : 19
brumata, *Operophtera*, 14 : 24, 48
brunneus, *Heterobothrychus*, 9 : 34
bryoniae, *Pieris*, 3 : 11
Buddleia sp., 8 : 43
Bufo marinus, 2 : 14
buoliana, *Rhyacionia*, 8 : 53
Bupalus piniaria, 8 : 29, 42
buqueti, *Thanoclerus*, 9 : 2
Butocera rubus, 13 : 28
 Butterflies, Aberrations of, 1 : 13, 22 ; 4 : 10
 Butterflies, New species, etc., of, from E. Africa and Belgian Congo, 14 : 48
büttneri [*buettneri*], *Sedina*, 10 : 36 ; 13 : 42 ; 14 : 55
Bythinus puncticollis, 9 : 36
Byturus tomentosus, 4 : 51
Cactoblastis, Results of use of, as control of Prickly-pear, 1 : 66
cacuthis, *Charaxes*, 11 : 20
 Caddis flies, Immature stages of some British, 14 : 47
caecigena, *Tunga*, 8 : 34
caesar, *Lucilia*, 2 : 26
caesiata, *Entephria* [*Larentia*], 2 : 25
caespitosa, *Deschampsia*, 8 : 30
caespitum, *Tetramorium*, 8 : 48
caja, *Arctia*, 13 : 28
Calamagrostis epigeios, 8 : 30
Calandra (= *Sitophilus*) spp., 5 : 32 ; 10 : 1
c-album, *Polygonia*, 12 : 42
 Calcareous tubes, Record of, from Portugal, 14 : 20
californicum, *Bothriocyrtum*, 2 : 40
caliginosa, *Acosmetia*, 8 : 43
 CALLIPHARIXENIDAE, 6 : 49
Calluna spp., 8 : 29
Caloptenus italicus, 2 : 2
Calotermes flavicollis, 14 : 20
calycina, *Dasyiscypha*, 11 : 26
Campanula trachelium, 8 : 30, 43
Campbellia spp., 14 : 50
campestris, *Ammophila*, 8 : 22
campestris, *Ulmus*, 8 : 29
Camponotus consobrinus, 10 : 14
 Canadian Forest Insect Survey, Activities of, 3 : 26
canescens, *Nemeritis*, 2 : 22
cantans, *Aedes*, 14 : 42
 Canton Island, Interest of, as to immigrant insects, 7 : 18
Carausius spp., 1 : 64 ; 10 : 13
carbonarius, *Ephialtes*, 6 : 44
cardui, *Vanessa*, 1 : 6, 22 ; 3 : 26 ; 12 : 42 ; 13 : 71, 72, 73, 76, 81
Carex spp., 8 : 30 ; 13 : 42
Carpelimus croceipes, 10 : 39
carthusianorum, *Dianthus*, 8 : 54
castrensis, *Malacosoma*, 8 : 30, 43, 54
Catocala electa, 8 : 36
Catopsilia spp., 1 : 33 ; 13 : 70, 75, 78, 80, 81
caucurtei, *Ixodiphagus*, 8 : 9
Cedrela sp., 8 : 49
Celerio spp., 9 : 23, 52 ; 12 : 42
 Celluloid, Use of, for mounting microlepidoptera, 12 : 19
 Centipede, Luminous secretion of, as defence, 1 : 11
Cephalotes quadridens, 10 : 39
Cephenomyia sp., 7 : 14
 CERAMBYCIDAE, 8 : 14, 48 ; 13 : 4
 CERATOPOGONIDAE, 6 : 47
Ceratrimeria spinosa, 14 : 49
cerealium, *Limothrips*, 12 : 52 (48 bis)
cerophaga, *Angitia*, 4 : 18
Cerura vinula, 8 : 54
Cethosia leschenaulti, 11 : 67

- CHALCIDIDAE, 6 : 45, 46
 Channel Islands, Insects of the, 13 : 6, 13
Charaxes spp., 11 : 20 ; 14 : 14, 48
chariclea, *Argynnis*, 2 : 40
 Chemical Industry, The Society of, Joint meeting with the Food-Groups of, 14 : 3, 11
Chenopodium rubrum, 8 : 40
Chilodes maritima, 8 : 42
 China, Western, Entomological, etc., Notes on, 10 : 9
Chionea spp., 14 : 47, 48
Chiromyia flava, 13 : 33
 CHIRONOMIDAE, 8 : 3
chittendeni, *Dialeurodes*, 3 : 41, 42
Chorthippus spp., 1 : 65 ; 12 : 34
 Chromosome map, Some cases where a, has been constructed, 9 : 54
chrysanthæana, *Cnephasia*, 1 : 25
 CHRYSIDIDAE, 6 : 43, 45
chrysippus, *Danaïda* [*Danaus*], 8 : 23 ; 11 : 64, 68
Chrysis ignita, 6 : 45
Chrysochus auratus, 2 : 5
 Cicadas, Stridulation in, 4 : 10
 CICADIDAE, 13 : 22
Cicindela campestris var. *funnebris*, 5 : 2
Cimez spp., 1 : 41 ; 4 : 18
Cimez lectularius and *C. columbarius*, Morphological distinction between, 4 : 18
cinctaria, *Cleora*, 10 : 40
cinxia, *Melitæa*, 11 : 48 ; 12 : 54 ; 13 : 56 ; 14 : 55
circe, *Eumenis*, 3 : 5
Cirrhia [*Xanthia*] spp., 8 : 43
 Classification, Bearing of Pigments on, in Lepidoptera, 6 : 7, 22 ; 8 : 26
Clematis sp., 8 : 29
Cleora cinctaria, 10 : 40
Clerodendron sp., 8 : 49
Chidophleps blaisdelli, 4 : 10
Clitarchus sp., 14 : 32
clivicollis, *Labidomera*, 2 : 5
 Cloves, "Sudden death" disease of, in Zanzibar, 14 : 26, 32
Clytra quadripunctata, 10 : 17
Cnephasia spp., 1 : 25
coarctata, *Hylemyia*, 4 : 52
coccinea, *Graphocephala*, 3 : 42
 COCCINELIDAE, 13 : 6
Coccus pela, 10 : 10
Cochliomyia sp., 1 : 2
 Cocoon-formation, Aberrant, 10 : 39
 Cocoons, *Trophocampa* (*Casinaria*) *vidua* Grav., Excretions by, during spinning of, 2 : 18
coelebs, *D. collaris* race, 8 : 19
Coenagrion scitulum, 11 : 30
coerulatus, *Dryonastes*, 10 : 13
Colaspis genus, 6 : 43
Coleophora obitæ, 5 : 2
 Coleoptera, Parasitic, 6 : 48
 Coleoptera, stridulation in, 1 : 14 ; 13 : 28 ; 14 : 41
Colias spp., 7 : 11 ; 9 : 50 ; 11 : 22 ; 12 : 42, 44
collaris, *Dielis*, 8 : 19
Colletes montana, 8 : 22
colossus, *Protocerius*, 14 : 50
Colotis fausta, 14 : 48
 Colour-blindness, human, Explanation of remarkable pedigree of, 9 : 50
 Colour-sense in butterflies, 2 : 35
columbarius, *Cimez*, 4 : 18
Comedo sp., 14 : 24
comes, *Triphaena*, 13 : 53
communis, *Phragmites*, 8 : 42
Compsilura concinnata, 6 : 47
concentrica, *Daldinia*, 8 : 46
concinna, *Falagria*, 9 : 27
concinna, *Compsilura*, 6 : 47
congesta, *Liriomyza*, 13 : 51
 Connation, Progressive, in Coleoptera, 8 : 14
Conocephalus fuscus, 1 : 34 ; 11 : 6
 CONOPIDAE, 6 : 47
consobrinus, *Camponotus*, 10 : 14
convolvuli, *Herse*, 10 : 31
Convolvulus arvensis, 8 : 30
Copidosoma sp., 5 : 15
 COPRINAE, 8 : 51
Cordulia aenea, 8 : 48
coridon [*corydon*], *Lysandra* [*Lycæna*], 8 : 10, 44 ; 11 : 22 ; 13 : 52
 CORIXIDAE, 11 : 20
corniculatus, *Lotus*, 8 : 44
cornutus, *Corydalis*, 2 : 37
 Corpus allatum, Functions of, in *Rhodnius*, 1 : 33
Corydalis cornutus, 2 : 37
coryli, *Eulecanium*, 1 : 65
Corymbites angustulus, 5 : 28
cosnardi, *Platycis*, 9 : 24
Cossus cossus, 9 : 7 ; 12 : 32, 36
costalis, *Hypsopygia*, 9 : 6
costalis, *Nasutitermes*, 8 : 11
Cosymbia puppillaria, 11 : 37
 Cotton disease, Danger of cotton "stand-over" practice, 12 : 29
 Courtship in Butterflies, 2 : 26
 Courtship in Dolichopodid flies, 12 : 37
 Courtship in Sepsid flies (?), 12 : 37
crabro, *Vespa*, 5 : 9, 14
Crambus spp., 8 : 46
crassirostris, *Quiscalus*, 10 : 14
craveni, *Achatina*, 14 : 31
crepuscularia, *Ectropis*, 9 : 52
cribratum, *Trinophyllum*, 12 : 50 (46 bis) ; 13 : 4
Crocallis elinguaris, 11 : 38
croceipes, *Carpelimus*, 10 : 39
croceus, *Colias*, 7 : 11 ; 9 : 50 ; 11 : 22 ; 12 : 42, 44
 Crop pests, early control efforts in Great Britain, 4 : 49-51
 Crop pests, Recent advances in control of, 10 : 5
 Crop pests, crop-rotation as control of, 8 : 40
cruciger, *Ancylothynechus* (= *Xiphocerus*), 11 : 65
 Cryptic coloration, Similar, on spider and weevil, 14 : 41
Cryptcephalus spp., 9 : 23 ; 14 : 32
Cryptognatha sp., 1 : 65
Cryptorhynchus [*Ceuthorrhynchus*] *lapathi*, 6 : 44 ; 9 : 7

- Cucullia* spp., 8 : 42, 43
Culex egg and egg-raft, Structure of, in relation to function, 9 : 13
Culex pipiens, 3 : 17
 CULICIDAE, 6 : 46
culiciformis, *Aegeria* [*Sesia*], 13 : 8
culiciformis, *Ploiariola*, 8 : 22
cupricollis, *Eccoptoptera*, 1 : 14
curassavica, *Asclepias*, 7 : 18
 CURCULIONIDAE, 8 : 14, 49
curta, *Eurytoma*, 14 : 18
Cuscuta epithymum, 8 : 52
 Cuticle, insect, Notes on, 3 : 6
 Cuticle, insect, Action of inert dusts on, 12 : 11
cyara, *Phylaria*, 11 : 67
 Cylinders, Mud, formed by Tabanid larvae, 14 : 16
 CYNIPIDAE, 6 : 44, 45, 46
cynipsea, *Sepsis*, 12 : 37
Cynoglossum denticulatum var. *zeylanicum*, Leaves of, attacked by Danaid butterflies, 5 : 11
cynorta, *Papilio*, 11 : 66
 CYRTIDAE, 6 : 47

Dactylis glomerata, 8 : 45
Dalbergia sissoo, 8 : 49
Daldinia concentrica, 8 : 46
 Damage by insects to natural history collections, 6 : 18
 Damage by insects to stored products (various), 9 : 2 ; 14 : 36
Danaida [*Danaus*] *chrysippus*, 8 : 23 ; 11 : 64, 68
Danaus spp., 3 : 26 ; 5 : 18 ; 7 : 2, 15 ; 13 : 71, 72, 75, 81
 Danish Macrolepidoptera, Problems in, 14 : 30, 37
daphidice, *Pontia*, 10 : 31 ; 12 : 43
dardanus, *Papilio*, 3 : 37 ; 9 : 50 ; 11 : 64, 68
 Darwin, Charles, Original letters of, 9 : 2, 7, 24
Dasyscypha calycina, 11 : 26
debilis, *B. unicolor* var., 12 : 19
defessaria, *E. bistortata* ab., 9 : 52
 Defoliators, Rôle of, 8 : 49
Deilephila [*Pergesa*] spp., 9 : 23, 52
delamerensis, *E. crepuscularia* ab., 9 : 52
Delias, 6 : 22
deltoides, *Dianthus*, 8 : 54
demodocus, *Papilio*, 11 : 41
demoleus, *Papilio*, 11 : 41
Dendrocitta bayleyi, 10 : 13
denotata, *Eupithecia*, 8 : 30, 43
Depressaria spp., 14 : 47
 DERMESTIDAE, 7 : 18 ; 11 : 13
Deschampsia caespitosa, 8 : 30
Deuteronomos fuscantaria, 8 : 42
devia, *Brachycoma*, 12 : 39
Dialeurodes chittendeni, 3 : 41, 42
Dianthoeia sp., 8 : 54
Dianthus spp., 8 : 54
Dielis collaris, 8 : 19
differentialis, *Melanoplus*, 1 : 64
dilatata, *Quercus*, 13 : 4

dilatatus, *Heteropteryx*, 4 : 10
 Dimorphism in beetles, 2 : 22
 Dimorphism in Chalcids, 2 : 21
Diprion polytomum, 2 : 10
 Diptera, Sex-linkage in, 9 : 48
Discoloxia blomeri, 8 : 42
 Diseases, Human, "Harvest-mites" as vectors of, 9 : 17, 18.
 Diseases, Plant, Insects as vectors of, 8 : 40, 49 ; 11 : 39 ; 12 : 29 ; 14 : 27
dispar, *Anisandrus*, 6 : 15
dispar, *Lycaena*, 2 : 53 ; 3 : 62 ; 7 : 27 ; 10 : 41 ; 12 : 54 ; 14 : 55
dispar, *Lymantria*, 9 : 49
 Dispersal and distribution of insects, 1 : 59 ; 2 : 26, 53 ; 3 : 42 ; 6 : 11, 15 ; 7 : 18 ; 10 : 20 ; 12 : 44, 45, 51 (47 bis) ; 13 : 40, 42, 52
dissoluta, *Nonagria*, 8 : 42
domestica, *Tegenaria*, 7 : 18
dominula, *Panaxia*, 9 : 29, 52, 54
Donisthorpea [*Lasius*] *flava* [*flavus*], 12 : 32, 36, 41
dorippus, *D. chrysippus* form, 8 : 23
Dorylus spp., Occurrence of deãlated males in, 4 : 18
 Dragonflies, Rare, in Hertfordshire, 12 : 26, 34
Drepana harpagula, 8 : 30, 43
 Drinking whilst in flight, Insects observed, 12 : 11
Drosophila spp., 9 : 48-55 ; 13 : 24 ; 14 : 35
Dryonastes coerulatus, 10 : 13
 DRYOPIDAE, 11 : 13
 DRYOPIDAE, Classification of, Notes on, 1 : 37
duodetriginta-punctata, *Epilachna*, 14 : 8
 Dusts, inert, Action of, on insect cuticle, 12 : 11
Dysdercus intermedius, 3 : 13
 DYTISCIDAE, 11 : 20, 32

Eccoptoptera cupricollis, 1 : 14
 Ecological conditions, special, Adaptation to, by Lepidoptera when at limit of range, 8 : 30
 Ecological Society, The British, Joint meeting with, 8 : 29, 39
 Eco-system ; Place of plants and insects in, 8 : 29, 39, 54
Ectobius lividus, 3 : 22
Ectropis spp., 9 : 52
 Egg-bursters, Insects with, 11 : 35, 41
 Egg-cases, Difference in shape of, in *Cryptocephalus* spp., 14 : 32
 Egg-laying, see Oviposition
 Egg-rafts in *Culex*, 9 : 13
 Egg-shells, Insect, Notes on, 14 : 14
Elachiptera megaspis, 14 : 47
electa, *Catocala*, 8 : 36
electricus, *Geophilus*, 1 : 11
 ELENCHOIDEA, 6 : 49
elinguaria, *Crocallis*, 11 : 38
elliottii, *Protylocera* (*Senaspis*), 8 : 19
 ELMIDAE, 11 : 20
elpenor, *Deilephila* [*Pergesa*], 9 : 23, 52

- Elporia (Curupira) spp.*, 3 : 6
Elymus sp., 8 : 29
 EMBIOPTERA, 11 : 45
 Embiopteron, A probably new, from Gold Coast, with notes of habits and habitat, 11 : 46
 Empids, Carriage of feathers and plant fruits by male, 11 : 27, 33
Empis spp., 11 : 27, 33
 ENCYRTINAE, 6 : 43
Entephria [Larentia] caesiata, 2 : 25
 Entomological Society of London [1806-1832], Historical documents of, shown, 5 : 22
 Entomological Society of London, The Royal, Bye-Laws, 2 : vii, 30, 40, 45 ; 12 : 21, 27 ; 13 : 5, 13, 15, 23
 Entomological Society of London, The, Charter, 20th July, 1886, 2 : v
 Entomological Society of London, The, Membership, Graphical analysis of, 12 : 65
 Entomological Society of London, The, "Royal," Authority to use in title, 15th April, 1933, 2 : vi
 Entomological Source Books, Exhibition and List of, 4 : 1
 Entomological Systematics, Two works of importance in, 10 : 34
 Entomology, agricultural service, 4 : 48
 Entomology, Recent developments in, 1 : 57
 Environment, Some effects of, on hereditary characters in insects, 9 : 53
 Enzymes, digestive, Suggested use of, by bug feeding on dry seeds, 11 : 42
Eoxenos genus, 6 : 49
epaea, *Bematistes*, 11 : 66
Ephestia kühniella, 2 : 22 ; 13 : 37
Ephialtes carbonarius, 6 : 44
Epicauta genus, 6 : 48
epigeios, *Calamagrostis*, 8 : 30
Epilachna duodecimginta-punctata, 14 : 8
 EPILACHNINAE, 13 : 6
Epirrhoe [Cidaria] pupillata, 14 : 37
epithymum, *Cuscuta*, 8 : 52
equestris, *Merodon*, 4 : 50, 54
Erebica, *aethiops*, 8 : 8
Eriogaster lanestris, 10 : 39
Eristalis spp., 8 : 47
erosa, *Tegrodera*, 4 : 10
Erynnis [Hesperia] tages, 8 : 45
erythrophaea, *Aglais urticae* ab., 11 : 38
erythrocephalum, *Trochalopterum*, 10 : 13
etesipe, *Charaxes*, 11 : 20
etheocles, *Charaxes*, 14 : 14, 48
eubule, *Phoebis*, 3 : 26
Eucera longicornis, 8 : 22
Euchloris smaragdaria, 8 : 42
 EUCOELINAE, 6 : 46
 EUCOSMIDAE, 8 : 49
Eudicella graëlli, 14 : 51
Euenemidophorus rhododactylus, 14 : 55
Eulecanium coryli, 1 : 65
Eumenis circe, 3 : 5
Euonymus europaeus, 8 : 51
Eupatorium sp., 8 : 29
Eupelmus sp., 8 : 36
euphorbiae, *Celerio*, 9 : 52
Euphrasia sp., 8 : 29
Eupithecia spp., 5 : 15 ; 8 : 30, 42, 43
Euprepia pudica, 13 : 28
Euptera sp. n., 14 : 48
europaeus, *Euonymus*, 8 : 51
Eurytoma spp., 8 : 36 ; 14 : 18
 EURTOMINAE, 6 : 43
eurytus, *Pseudacraea*, 11 : 62, 68, 70-73 ; 14 : 48
Euxanthie wakefieldi, 3 : 38
evanescens, *Trichogramma*, 2 : 21
 Evolution, Linkage of, between parasitic and host spp., 6 : 43
examinator, *Pimpla*, 2 : 17
Exbulus triangularis, 14 : 41
 Excrement, Use of, by some Chrysomelid beetles to form egg-capsules, 9 : 24
exigua, *Laphygma*, 12 : 44
exsul, *Leucania*, 13 : 37
Exsul singularis, 14 : 50
extensaria, *Eupithecia*, 8 : 42

fabae, *Aphis*, 8 : 51, 52
Fagus sp., 8 : 29
Falagria concinna, 9 : 27
 False-chelate leg, Aquatic beetle larva with, 11 : 32
farinalis, *Pyrallis*, 9 : 6
fasciata, *Spilosoma lutea* ab., 4 : 32
fasciatus, *Oncopeltus*, 11 : 42
Faunis faunula, 14 : 51
faunula, *Faunis*, 14 : 51
fausta, *Colotis*, 14 : 48
favicolor, *Leucania*, 4 : 26
februa, *Ageronia*, 13 : 28
fenestralis, *Angitia*, 4 : 18
fenestralis, *Anisopus*, 11 : 38
ferrugineus, *Ludius*, 10 : 31
Festuca arundinacea, 8 : 30
Fidonia plummistaria (= plumisarita), 2 : 14
 FIGITINAE, 6 : 46
filamentosa, *Yucca*, 8 : 39
filipendulae, *Zygæna*, 2 : 37 ; 11 : 65
fimbrialis, *Thalera*, 7 : 6
flammea, *Meliana*, 8 : 42
flammeolaria, *Hydrelia*, 8 : 30, 43
flava, *Chiromyia*, 13 : 33
flava [flavus], *Donisthorpea [Lasius]*, 12 : 32, 36, 41
flaveolum, *Sympetrum*, 11 : 30 ; 12 : 34
flavicollis, *Calotermes*, 14 : 20
flavus, *Armigeres*, 14 : 16
florella, *Catopsilia*, 1 : 33 ; 13 : 75, 78, 80
floribunda, *Alchornea*, 9 : 34
 Fluorescent compounds, Use of, for marking insects, 12 : 28
 Fog, Effect of, on migrating Lepidoptera, 13 : 75
fonscolombii, *Sympetrum*, 11 : 30 ; 12 : 34, 43
 Food, Behaviour of wireworms when seeking, 12 : 2
 Food-plant, Adaptation to, 8 : 30
 Food-plants, selection, 8 : 43, 51, 52, 54
 Food-plants, Specialization to, 8 : 29, 42
 Food-plants, Variation in range of, in different areas, 8 : 52

- Food-preference: No evidence of conditioning in *Smerinthus ocellatus*, 11: 16
- Food-requirements, General, of insects, 10: 12
- Forests, Influence of insects on regeneration, composition and destruction of, 8: 31, 48-55
- Forficula auricularia*, 1: 43; 8: 36
- Formica* spp., 5: 29; 7: 10; 10: 14, 17
- formicaeformis*, *Aegeria*, 9: 7
- formosa*, *Bematistes*, 11: 68
- Fossils, Insect, 1: 60; 11: 68
- Fragaria* spp., 8: 45
- Frauenfeldiella* (*Aleyrodes*) *jelinekii*, 9: 33
- Fraxinus* spp., 8: 29, 42
- Frightening attitudes in Mantids, 4: 10
- Frightening attitudes in Coleoptera, 4: 10
- Frohawk, F. W., Original drawings and paintings by the late, for *Natural History of British Butterflies*, 14: 49
- Fruitflies, Recovery of, alive after travelling in V2 rocket, 13: 24
- fulica*, *Achatina*, 14: 31
- fuliginaria*, *Parascotia*, 11: 25
- fuliginosus*, *Acanthomyops* (*Dendrolasius*) [*Jasius*], 5: 18, 23; 7: 10
- funebis*, *Cicindela campestris* var., 5: 2
- funebis*, *Drosophila*, 9: 51
- fusca*, *Formica*, 5: 29; 7: 10
- fuscantaria*, *Deuteronomos*, 8: 42
- fuscollicis*, *Ageniaspis*, 8: 53
- fuscipes*, *Glossina palpalis* s.sp., 11: 10
- fuscipes*, *Oedaleonotus*, 4: 10
- fuscipunctella*, *Tinea*, 8: 26
- fuscus*, *Anthrenus*, 7: 18
- fuscus*, *Conocephalus*, 1: 34; 11: 6
- galathea*, *Melanargia*, 8: 45
- gali*, *Celerio*, 9: 23, 52
- gamma*, *Plusia*, 11: 16; 12: 42; 13: 79, 81
- geminipuncta*, *Nonagria*, 8: 42
- Gene-complex, Alteration of, by selection, 9: 52, 53
- Genes, Identity of, in closely allied species, difficulty of proof of, 9: 52
- Gene mutations defined, 9: 51; reversion, 9: 51
- Genetics, Contributions of entomology to, 9: 48-55
- Genetics, possible explanation of migration, 12: 43. See also 9: 29; 10: 1; 11: 38; 13: 41; 14: 8
- GEOMETRIDAE, 13: 28
- Geophilus electricus*, 1: 11
- germanica*, *Vespula* [*Vespa*], 1: 14; 5: 18, 21; 13: 28
- Geckos, Prey of, 2: 2
- gigas*, *Urocerus*, 5: 10
- Gills, Anal, in mosquito larva, 3: 17
- Gills, Beetle pupae and larvae with, 12: 6
- gilvago*, *Cirrhia* [*Xanthia*], 8: 43
- glauca*, *Carex*, 8: 30
- glaucinalis*, *Pyralis*, 9: 6
- glomerata*, *Dactylis*, 8: 45
- Glossina*, 6: 46
- Glossina* spp., 1: 10; 2: 7; 11: 10
- Glycogen, Importance and use of, to insects in flying, 14: 35, 42
- Gmelina arborea*, 8: 49
- goettingensis* (*coriaria*), *Timarcha*, 14: 12
- Gomphocerus sibericus*, 3: 21
- gottbergi*, *Pseudacraea*, 11: 70
- graëlli*, *Eudicella*, 14: 51
- granaria*, *Calandra*, 10: 1
- Granary weevils, Methods of handling, for study, 5: 32
- Granary weevils, Metrical characters in, Inheritance of, 10: 1
- Graphocephala coccinea*, 3: 41, 42
- Grapholitha zebeana*, 11: 25
- Grass, Butterflies trapped by a, 11: 25
- Grasshoppers, Attacks on Lepidoptera, 2: 37
- Grasshoppers, Short-horned, Biology of British, 14: 34
- Grasshoppers, Short-horned, Phylogeny of, 6: 9
- Grasshoppers, Strepsiptera parasitic on, 6: 21
- Grasshoppers, Stridulation in, 4: 10; 13: 22; 14: 42
- Gregarious habits in butterflies, 2: 29
- Gregarious habits in a dragonfly, 1: 17
- grisea*, *Platycleis*, 2: 37
- grisella*, *Meliphora*, 2: 22
- grossulariata*, *Abraxas*, 2: 17; 9: 48, 53; 11: 9
- Ground-nuts, *Thorictus* sp. damaging stored, 14: 36
- gularis*, *Aphomia*, 8: 18
- gyas*, *Megasoma*, 14: 42
- Gynandromorphous ants, 10: 34, 39
- Gynandromorphs, Causes of, in insects, 9: 50; 10: 39
- Gynandromorphs, Record of, in winter moth, 14: 48
- Habrobracon* sp., 9: 50
- Habroclytus* sp., 8: 36
- Haemonia* genus, 11: 20
- HALICTOPHAGOIDEA, 6: 49
- Halteres, Structure and functions of, 12: 18; 14: 30, 37
- harpagula*, *Drepana*, 8: 30, 43
- "Harvest-mites," Diseases transmitted by, 9: 17, 18
- hazeleighensis*, *Abraxas grossulariata* ab., 11: 9
- Hawaiian insects, Speciation in, 13: 36, 42
- helena*, *Troides*, 1: 13
- helice*, *Colias croceus* ab., 12: 42
- Heliothis* spp., 3: 45; 12: 44
- Helophilus* spp., 8: 47
- Hemiodoecus* spp., 10: 23
- Hemiteles areator*, 6: 44
- herbrigada*, *Aphthona*, 12: 19
- Herse convolvuli*, 10: 31
- Hesperia lucanus*, 1: 26
- Heterobostrychus brunneus*, 9: 34
- Heterojapyx novaezelandiae*, 14: 49
- Heteronympha merope*, 1: 22
- Heteropteryx dilatatus*, 4: 10

- Hibernation in butterflies, 1 : 5 ; 2 : 26
 Hibernation in Humblebees, 2 : 9
 Hibernation in moths, 4 : 32
Hindola spp., 10 : 23
hintoni, *Phyllotreta*, 9 : 27
 HIPPOBOSCIDAE, 6 : 47
Hippocrepis sp., 8 : 44
hirsuta, *Mormotomyia*, 14 : 14
hirtaria, *Lycia*, 3 : 17 ; 9 : 48
hobleyi, *Pseudacraea eurytus*, ♂ form, 11 : 70
hololeptoides, *Sitophagus*, 9 : 2
 Homoeosis, Records of cases of, in insects,
 9 : 11 ; 10 : 36
 HOMOPTERA, 13 : 22
hookeri, *Hunterellus* (= *caururtei*, *Ixodiphagus*), 8 : 9
 Hormones in *Carausius*, 1 : 64
 Hormones in *Glossina* spp., 12 : 18
 Hormones in *Melanoplus differentialis*, 1 : 64
 Hormones in *Rhodnius*, 1 : 33, 63
 Hornets and birds, nest associations, 12 : 46
humanus, *Pediculus*, 9 : 34 ; 11 : 24
 Humblebees, Parasites of, 12 : 39
humeralis, *Sitona*, 8 : 15
 Humidity, Atmospheric, as cause of variation in butterflies, 11 : 20, 25
Humulus spp., 8 : 29
Hunterellus hookeri (= *Ixodiphagus caururtei*), 8 : 9
hyale, *Colias*, 11 : 22 ; 12 : 44
 Hybrids, Mendelian segregation in, 9 : 52
 Hybrids, mosquito, Difficulty of interpretation of, 14 : 36, 37
Hydrelia flammeolaria, 8 : 30, 43
Hydroecia lutosus, 8 : 42
 HYDROPHILIDAE, 11 : 20 ; 12 : 18
Hylemyia coarctata, 4 : 52
Hyloicus pinastri, 9 : 23
 HYMENOPTERA, 6 : 42, 43 ; 13 : 27 ; 14 : 2
 Hymenoptera, parasitic, Host-selection by, 2 : 17, 22 ; 6 : 43
Hymenopus bicornis, 9 : 2, 7
hyperantus [*hyperanthus*], *Aphantopus* [*Epinephele*], 8 : 45
hypocheridis, *Cryptocephalus*, 14 : 32
Hypolimnas bolina, 2 : 14
Hyponomeuta padellus, 4 : 50 ; 8 : 53
Hypsopygia costalis, 9 : 6
 IBALINAE, 6 : 46
 ICHNEUMONIDAE, 6 : 42
Ichneumon (*Protichneumon*) *laminatorius*, 9 : 23
ignita, *Chrysis*, 6 : 45
 Immobilisation reflex, Theory of, 10 : 36
immorata, *Scopula* [*Acidalia*], 11 : 48 ; 12 : 54 ; 13 : 56 ; 14 : 55
improba, *Argynnis*, 2 : 40
impunctata, *Sepsis*, 12 : 38
incana, *Quercus*, 13 : 4
infernalis, *Sataspes*, 12 : 11
 Insecticides, Effect of, on birds and beneficial insects, 13 : 38
 Insects, Acceptability of, as food by birds, etc., 2 : 5
 Insects and plants, Inter-relation between, 8 : 29, 39-55
 Insects and plants, Preservation of colours of, 9 : 5
 Insects and weather, 10 : 19, 25
 Insects, Attacks on, by Bats, 3 : 37 ; by Birds, 1 : 11 ; 2 : 19 ; 3 : 25, 37 ; 4 : 2 ; by Grasshoppers, 2 : 37 ; by Strepsiptera, 6 : 21
 Insects, Food requirements of, 10 : 12
 Insects, Food reserve of, during migration, 11 : 16
 Insects, Fuel consumption, in flight, 14 : 35, 42
instigator, *Pimpla*, 5 : 29
 Instinct, Lorenz's concept of, 13 : 19
intermedia, *Araschnia levana prorsa* ab., 11 : 20
intermedius, *Dysdercus*, 3 : 13
 Intersexuality, Causes of, in insects, 9 : 49
intricarius, *Eristalis*, 8 : 47
Iris spp., 8 : 51
iris, *Apatura*, 2 : 53 ; 3 : 62
irregularis, *Anepia*, 8 : 30, 43
ischnus, *Orgilus*, 5 : 15
isthmia, *Brassolis*, 8 : 7
italicus, *Caloptenus*, 2 : 2
Ixodes ricinus, 8 : 9
Ixodiphagus caururtei, 8 : 9
jaceana, *Urophora*, 14 : 18
janthinus, *Mecinus*, 13 : 53
jasionea, *Eupithecia*, 8 : 30, 43
Jasione montana, 8 : 30, 43
 JASSOIDEA, 11 : 39
jelinekii, *Frauenfeldiella* (*Aleyrodes*), 9 : 33
johnstoni, *Acraea*, 11 : 70
karschi, *Acraea*, 14 : 48
Kermes quercus, 14 : 20
kershawii, *Vanessa cardui* var., 13 : 73
 Knapweed gall-fly, Parasites of, 14 : 18
krausei, *Mimacraea*, 14 : 48
Kricogonia lyside, 3 : 26
kühniella, *Ephesia*, 2 : 22 ; 13 : 37
Labidomera clivicollis, 2 : 5
lacticolor, *Abraxas grossulariata* ab., 9 : 48
 Lady-bird beetles, Feeding habits of, 13 : 6
 Lady-bird beetles, Variation in spotting of Javanese, 14 : 8
laevinodis, *Myrmica*, 7 : 10 ; 11 : 59
Lagria atripes, 13 : 53
 LAMELLICORNIA, 8 : 14
laminatorius, *Ichneumon* (*Protichneumon*), 9 : 23
Lamprosoma spp., 9 : 24
lanestris, *Eriogaster*, 10 : 39
lantana, *Viburnum*, 13 : 8
Laotoë populi, 9 : 23, 48
lapathi, *Cryptorhynchus* [*Ceuthorrhynchus*], 6 : 44 ; 9 : 7
Laphygma exigua, 12 : 44
lapponicus, *Bombus*, 8 : 22
 Larva of *Micropteryx calthella*, 12 : 50 (46 bis)
 Larva of *Nyassa andreniformis*, 1 : 29

- Larva of *Papilio anchisiades* feeding by night, 13 : 18, 24
 Larva of Psychomyidae, 14 : 47
 Larva of *Cossus* boring through lead, 9 : 7
 Larva of weevils, Morphology, etc., of, 2 : 14, 17
 Larval stridulation in Reduviid, 14 : 34, 42
 Larviposition in *Polyblastus* spp., 1 : 22 ; 14 : 24
 LASIOCAMPIDAE, 11 : 66
Lasius umbratus, 5 : 23
latefasciatus, *Pinus*, 9 : 2
lativentris, *Megathrips*, 9 : 1
 Leaf-hoppers, Economic importance of, 11 : 39
 Leather, Insects attacking, 11 : 45
Letia spp., 6 : 48
Lebistes sp., 9 : 55
lectularius, *Cimex*, 1 : 41 ; 4 : 18
lemoroi, *Apion*, 10 : 36
Leptidia sinapis, 8 : 8
leschenaulti, *Cethosia*, 11 : 67
Lestes virgatus, 1 : 17
Leucania spp., 4 : 26 ; 8 : 42 ; 13 : 37
levana, *Araschnia*, 2 : 19 ; 11 : 20
 Lice (*Pediculus* spp.), bisexual forms of *P. humanus*, 9 : 34, 49
 Lice (*Pediculus* spp.), behaviour of, 8 : 34
 Lice (*Pediculus* spp.), pigmentation of *P. humanus*, variation in, 11 : 24
 Lice (*Pediculus* spp.), sex ratio in head infestations, 2 : 6
lienigialis, *Pyrallis*, 9 : 29
 Life history, note on *Armigeres flavus*, 14 : 16
 Life histories : Australian butterflies, 1 : 18, 22
 Life histories : BRAULIDAE, 9 : 9
 Life histories : *Cimex lectularius*, 1 : 41
 Life histories : *Cnephasia* spp., 1 : 25
 Life histories : *Cryptocephalus primarius*, 9 : 24
 Life histories : *Kermes quercus*, 14 : 20
 Life histories : *Megathymus*, 1 : 2
 Life histories : New Zealand glow-worm, 14 : 8
 Life histories : *Nyassa andrenifoemis*, 1 : 29
 Life histories : Potato aphid, 4 : 52
 Life histories : *Platystethus arenarius*, 9 : 22
 Life histories : *Vespa crabro*, 5 : 9, 14
 Life histories : Wheat bulb-fly, 4 : 52
 Light trap, Captures with, at Harpenden, 13 : 52, 53
 Light trap, Killing agents for, 14 : 19
 Light trap, moonlight and cloud, Influence of, 1 : 18 ; 3 : 10
 Light trap, temperature, Influence of, 3 : 10
 Light trap, weather, Influence of, 10 : 26
ligustri, *Sphinx*, 11 : 30
Ligustrum spp., 8 : 29, 42
Limothrips cerealium, 12 : 52 (48 bis.)
lineatus, *Agriotes*, 12 : 2
 Linnean Society, Joint meeting with, 13 : 44, 54
Liriomyza congesta, 13 : 51
Lithophane socia, 3 : 17
 LITHOSIIDAE, 13 : 28
Litomastix spp., 13 : 53
livida, *Empis*, 11 : 27, 33
lividus, *Ectobius*, 3 : 22
livornica, *Celerio*, 9 : 23 ; 12 : 42
Lixus paraplecticus, 14 : 47
 Lizards as enemies of Lepidoptera, 2 : 2, 39
Locusta migratoria, 11 : 30 ; 12 : 32, 37
 Locust migrations, Evolutionary significance of, 13 : 12, 20
 Locust, Migratory, in England, 12 : 32, 37
 Locust outbreaks, Origin of, 3 : 9
 Locusts, Sensitivity of, to noises, 13 : 27
longicornis, *Eucera*, 8 : 22
longinoda, *Oecophylla*, 14 : 27
Lotus spp., 8 : 44, 45
lucanus, *Hesperia*, 1 : 26
Lucilia spp., 1 : 1, 2 ; 2 : 26 ; 5 : 14 ; 6 : 47
lucorum, *Bombus*, 8 : 23
lucretia, *Pseudacraea*, 11 : 69
ludicrum, *Poponocranium*, 12 : 44
Ludius ferrugineus, 10 : 31
luminosa, *Arachnocampa*, 14 : 8
 Luminous secretion of Centipede, 1 : 11
lunaris, *Minucia*, 8 : 19, 24, 36
lunata, *Stomatorrhina*, 12 : 37
lutaria, *Sialis*, 2 : 21
lutea, *Abraxas grossulariata* ab., 9 : 53
lutea, *Spilosoma*, 4 : 32
lutescens, ab. of *Zygaena trifolii*, 5 : 14
lutosa, *Hydroecia*, 8 : 42
Lycaena dispar, 2 : 53 ; 3 : 62 ; 7 : 27 ; 10 : 41 ; 12 : 54 ; 14 : 55
Lycia hirtaria, 3 : 17 ; 9 : 48
 LYCIDAE, 11 : 64, 66
Lymantria spp., 4 : 54 ; 9 : 49
Lyte reducta, 14 : 47
Lysandra [*Lycaena*] *coridon* [*corydon*], 8 : 10, 44 ; 11 : 22 ; 13 : 52
lysida, *Kricogonia*, 3 : 26
Lysimachia vulgaris, 8 : 30
Lytta genus, 6 : 48
macarista, *Bematistes*, 11 : 70, 72
machaon, *Papilio*, 2 : 53 ; 7 : 11 ; 8 : 30, 43
Macrocentrus spp., 5 : 15 ; 6 : 44
Macrogaster arundinis, 8 : 42
Macronichia unguans, 11 : 30
Macropocopris genus, 6 : 48
Macrosciagon genus, 6 : 48
Maculinea arion, 2 : 53 ; 3 : 62 ; 7 : 27 ; 8 : 60 ; 9 : 40 ; 10 : 41 ; 11 : 48, 59 ; 12 : 54 ; 13 : 56 ; 14 : 55
maculipennis, *Anopheles*, 11 : 24, 30
maculipennis, *Plutella*, 4 : 18 ; 13 : 37
maera, *Pararge*, 3 : 5
Malacosoma spp., 8 : 30, 43, 54
 Malaya, Insects from, 14 : 50
malenka, *Perrhybris*, 11 : 67
 MALLOPHAGA, 6 : 43
 MALLOPHAGA, New type of external organ found in, 12 : 26
 MALLOPHAGA, Phylogenetic relationship between parasites and hosts in, 13 : 45
malvae, *Pyrgus* [*Hesperia*], 8 : 45
manihotalis, *Pyrallis*, 9 : 2

- MANTIDAE, 11 : 42
Mantura mathewsii, 12 : 19
Margaronia [*Margarodes*] *unionalis*, 11 : 7 ;
 14 : 49
marginator, *Macrocentrus*, 6 : 44
marinus, *Bufo*, 2 : 14
maritima, *Artemisia*, 8 : 30, 54
maritima, *Chilodes*, 8 : 42
maritima, *Silene*, 8 : 29
maritimus, *Miscophus*, 8 : 22
 Marking of insects, Methods and uses of,
 12 : 22, 29
marshalli, *Mimacraea*, 11 : 65
martinii, *Glossina palpalis*, ssp., 11 : 10
mathewsii, *Mantura*, 12 : 19
 Mating habits in *Vespa* spp., 1 : 21
Matus bicarinatus, 11 : 32
Mecinus janthinus, 13 : 53
medemit, *Salix*, 8 : 39
medionigra, *Panaxia dominula* ab., 9 : 52
Megachile spp., 5 : 35 ; 13 : 20
megalotis, *Micronycteris*, 3 : 37
Megasoma gyas, 14 : 42
megaspis, *Elachiptera*, 14 : 47
Megastigmus sp., 11 : 32
Megathrips spp., 9 : 1, 2, 7
Megathymus spp., 1 : 2
megatomoides, *Trogoderma*, 6 : 18
Melanargia galathea, 8 : 45
 Melanism, industrial, Experiments on
Drosophila indicating possible cause of,
 7 : 3
melanogaster, *Drosophila*, 9 : 49, 52
Melanoplus differentialis, 1 : 64
Meliana flammea, 8 : 42
Meligethes solidus, 12 : 19
Meliphora grisella, 2 : 22
Melitaea spp., 3 : 29 ; 8 : 3 ; 11 : 48 ; 12 :
 54 ; 13 : 56 ; 14 : 55
Melittia aureosquamata, 8 : 19
Melittobia acasta, 6 : 46
 MELOIDAE, 6 : 42, 48
memnon, *Papilio*, 9 : 50
Merodon equestris, 4 : 50, 54
merope, *Heteronympha*, 1 : 22
mesentina, *Belenois*, 13 : 74
Mesoxantha, 13 : 27
messeae, *Anopheles maculipennis* var., 11 : 30
 Meteorological Society, The Royal, Joint
 meeting with, 10 : 19, 25
Meteorus atrator, 10 : 22
Methoca spp., 6 : 42
meticulosa, *Phlogophora*, 11 : 16
Metocerus, 6 : 48
Metopius, 6 : 43
Metroptera spp., 2 : 2
microcephala, *Odontomutilla*, 1 : 14
 Micro-climates, Need for data on, 10 : 27
Microgaster sp., 9 : 14
Micronycteris megalotis, 3 : 37
Microstigmus, Biology of the genus, 3 : 30
 Migrant Insects, Food reserve of, 11 : 16
 Migration, Definition of, in insects, 13 :
 70
 Migration, Discussion on, 12 : 42
 Migration in Butterflies, 1 : 33 ; 3 : 26, 38 ;
 5 : 18 ; 7 : 18 ; 13 : 70
 Migration, Possible genetic explanation, 12 :
 43
 Migration in Locusts, 12 : 32, 37 ; 13 : 12,
 20, 75, 81, 82
 Migration in Moths, 13 : 70, 75, 82
 Migration in Potato aphid, 4 : 52
 Migration in Spiders and Acari, 12 : 43
 Migration, Numbers of species and indi-
 viduals involved in, 13 : 70, 71
 Migration, Orientation during, 13 : 70, 73
 Migration, Problem of some recent work on,
 13 : 12, 20
migratoria, *Locusta*, 11 : 30 ; 12 : 32, 37
 Migratory insects in Britain, 12 : 32, 34, 35,
 42
Mitogramma sp., 6 : 47
Mimacraea spp., 11 : 65 ; 14 : 48
 Mimicry by Acridid of Scorpion, 1 : 11
 Mimicry by *Apanteles* of *Microgaster*, 9 : 14
 Mimicry by Coleoptera of *Mutilla* spp., 1 :
 14
 Mimicry by Lygaeid of Ant, 1 : 14
 Mimicry by Moth and Syrphid fly of
 Xylocopid Bee, 8 : 19
 Mimicry in *Bematistes* (formerly *Planema*)
 spp., 1 : 2
 Mimicry, origin of new form of, Aberration
 as possible, 4 : 10
 Mimicry, Theories relating to, discussed, 11 :
 62
Minucia lunaris, 8 : 19, 24, 36
minutum, *Trichogramma*, 11 : 22
Miscophus maritimus, 8 : 22
 Mites, parasitic, Interference by, in control
 of pests, 13 : 40, 47
mixta, *Aeshna*, 12 : 34
mixtus, *Acanthomyops* (*Chthonolasius*), 7 :
 10 ; 12 : 38
mnesosyne, *Parnassius*, 1 : 13
molitor, *Tenebrio*, 3 : 6
monacha, *Lymantria*, 4 : 54
monachus, *Brachycerus*, 12 : 38
monspessulanus, *Dianthus*, 8 : 54
montana, *Colletes*, 8 : 22
montana, *Jasione*, 8 : 30, 43
montana, *Ulmus*, 8 : 30, 42
montandoni, *Aphelochirus*, 10 : 31
monuste, *Ascia*, 3 : 26 ; 13 : 75, 78, 79, 80
moraei, *Cryptocephalus*, 14 : 32
mori, *Bombyx*, 9 : 50
Mormolyce phylloides, 14 : 50
Mormotomyia hirsuta Austen, Systematic
 position and ecology of, 14 : 14
morosus, *Carausius*, 10 : 13
 Morphology of weevil larvae, 2 : 14, 17
 Morphology of *Tunga caecigena*, 8 : 34
 Morphology of Pyralid larvae, 9 : 6
 Mosquito larvae, function of anal papillae,
 3 : 17
 Mosquitoes, Identification of adult *A.*
maculipennis varieties, 11 : 24, 30 ;
 Mosquitoes, egg-laying habits of, 14 : 16
 Mosquitoes, Hybrid, 14 : 36
 Mosquitoes, Importance of plant sugars to,
 14 : 43
 Moults, larval, Numbers of, in Cyclorrhha-
 phous flies, 3 : 46

muscorum, Anthrenus, 7 : 18
 Mutation, Definition and character of a, 9 : 51
 Mutations, New, Partial dominance in, 9 : 52, 53
Mutilla spp., 1 : 14
 MUTILLIDAE, 13 : 27
mutilloides, Thanassimis, 1 : 14
mydon, Panacra, 13 : 14
Myelois neophanes, 8 : 46
 Myiasis, aural, reported cases of, 1 : 2
Mylabris, 6 : 48
mylitta, Antheraea, 12 : 29
Myrmica spp., 7 : 10 ; 10 : 34, 39 ; 11 : 59
Myzus persicae, 4 : 52

Nannochorista spp., 10 : 24
napi, Pieris, 2 : 19
Nasutitermes costalis, 8 : 11
 Nature Reserves, 2 : 53 ; 7 : 19 ; 8 : 60 ; 9 : 40 ; 11 : 48
neander, Andronymus, 13 : 75, 78, 80
Nematus (Pikonema) alaskensis, 14 : 37 (foot-note)
Nematus (Pteronidea) polyspila, 14 : 37 (footnote).
Nemeritis canescens, 2 : 22
neophanes, Myelois, 8 : 46
Nepa genus, 12 : 18
Nepenthes sp., 12 : 7
Nephopteryx similis, 8 : 46
nervosa, Depressaria, 14 : 47
Netrocoryne repanda, 1 : 18
neumanni, Pseudacraea gottbergi race, 11 : 70
neurica, Nonagria, 8 : 42
neustria, Malacosoma, 8 : 54
 New Records for Britain, 1 : 34 ; 4 : 26 ; 5 : 2, 28 ; 8 : 9 ; 9 : 10, 25, 27, 33 ; 10 : 36, 36 ; 11 : 25, 30, 37 ; 12 : 29, 50 (46 bis) ; 13 : 51, 53 ; 14 : 32
niavius, Amauris, 11 : 64, 66
niger, Acanthomyops [Lasius], 5 : 23 ; 7 : 10 ; 10 : 22
nigrifemur, Sympetrum striolatum s.sp., 12 : 43
nigritentum, Trochalopterum, 10 : 13
nigrosparsata, Abraxas grossulariata ab., 11 : 9
nobilis, Megathrips, 9 : 1
nodosum, Polygonum, 8 : 40
Nomeas pygmaeus, 2 : 11
Nonagria spp., 8 : 42
Nothopteryx polycommata, 8 : 42
Notocelia uddmanniana, 4 : 14
 NOTONECTIDAE, 11 : 20 ; 12 : 18
novaezelandiae, Heterojapyx, 14 : 49
nubeculosa, Brachionycha, 8 : 30, 43
nubilis, Bathysolen, 13 : 53
Nyassa andreiniformis, 1 : 29
 NYCTERIBIDAE, 6 : 42, 47
Nymphaea stellata Willd., Insects captured by, 1 : 41
Nymphalis antiopa, 11 : 67
Nymphalis [Vanessa] polychloros, 1 : 5 ; 8 : 43
Nyssia zonaria, 9 : 48

Obituaries—

Adkin B. W., 13 : 66
 Andrewes, H. L., 13 : 66
 Armytage, E. O., 11 : 60
 Arrow, G. J., 13 : 66
 Ashby, S. R., 9 : 37, 47
 Avinoff, A., 14 : 64
 Bagehi, S., 8 : 70
 Baldock, G. R., 3 : 49
 Balfour, Miss A. B., 1 : 54
 Barclay, F. H., 1 : 56
 Barnes, M. D., 10 : 53
 Barraud, P. J., 13 : 66
 Bartlett, C., 6 : 41
 Bartlett, H. F. D., 6 : 40
 Beare, Sir Thomas Hudson, 5 : 40
 Bedford, G. A. H., 3 : 49
 Bedwell, E. C., 10 : 53
 Bell, T. R., 13 : 66
 Bengtsson, S., 4 : 48
 Bennett, A. H., 9 : 38
 Berkeley, M. S., 14 : 64
 Bethune-Baker, G. T., 9 : 47
 Bissett, G. A., 9 : 48
 Bolivar, Dr. Ignacio, 10 : 51
 Bouck, Baron J., 3 : 49
 Breyer, jun., A., 1 : 55
 Brindley, Mrs. M. D., 6 : 40
 Browne, M. G. M., 9 : 48
 Brunar, Prof. L., 2 : 64
 Buckley, W., 9 : 48
 Burrows, Rev. C. R. N., 1 : 55
 Burt, B. D., 3 : 59
 Butterfield, R., 3 : 60
 Carlier, E. Wace, 5 : 40
 Carpenter, Dr. G. H., 4 : 48
 Carr, Prof. J. W., 4 : 48
 Carter, H. J., 5 : 40
 Chartres, S. A., 14 : 64
 Christy, W. M., 4 : 48
 Claasen, Prof. P. W., 2 : 64
 Clark, Lt.-Col. C. Turner, 6 : 41
 Cockerell, Prof. T. D. A., 13 : 67
 Cooke, Brig.-Gen. B. H., 11 : 60
 Coote, F. D., 10 : 54
 Corbett, Dr. A. S., 13 : 67
 Cox, B. C., 13 : 67
 Cox, W. E., 13 : 67
 Crawford, W. M., 6 : 40
 Crosby, Prof. R. C., 2 : 64
 Cuthbertson, A., 7 : 33
 Dampf, Dr. A., 13 : 67
 Dannatt, W., 5 : 40
 Davidson, D. M. N., 11 : 60
 Davidson, Dr. James, 11 : 60
 Davies, W. Maldwyn, 2 : 61
 Day, G. O., 7 : 33
 Dean, J. Davy, 2 : 63
 Drysdale, Major J. E., 2 : 63
 Eales-White, Major J. C., 13 : 67
 Edmonds, T. H., 9 : 47
 Edwards, Dr. F. W., 5 : 40
 Edwards, Stanley, 3 : 60
 Edwards, W. H., 13 : 69
 Elliott, E. A., 1 : 55
 Ellis, H. Willoughby, 8 : 69
 Eltringham, Dr. H., 6 : 40

- Evans, Col. G. H., 13 : 67
 Evans, Dr. A. M., 2 : 60
 Falconer, W., 9 : 47
 Fassnidge, W., 14 : 64
 Fergusson, A., 14 : 64
 Fletcher, W. H. B., 6 : 40
 Floersheim, C., 3 : 49
 Foster, A. H., 11 : 61
 Fountain, Miss M. E., 5 : 40
 Frisby, G. E., 1 : 56
 Froggatt, W. W., 2 : 61
 Frohawk, F. W., 11 : 59
 Fryer, Sir John C. F., 13 : 67
 Gahan, Dr. C. J., 4 : 47
 Garrett, F. C., 5 : 40
 Garthside, S., 4 : 48
 Gee, G. F., 11 : 61
 Gestro, Prof. R., 1 : 54
 Gibbins, E. G., 8 : 70
 Gilles, W. S., 3 : 60
 Grant, J. H., 12 : 64
 Green, E. E., 14 : 64
 Greenwood, P., 7 : 35
 Grimshaw, P. H., 4 : 48
 Gurney, W. B., 5 : 40
 Hadwen, Dr. S. A., 12 : 64
 Hall, T. W., 2 : 63
 Hampson, Sir George, 1 : 55
 Hanbury, F. J., 3 : 60
 Hancock, G. L. R., 5 : 40
 Hawkshaw, O., 14 : 64
 Hawley, Lt.-Col. W. G. B., 13 : 67
 Hayward, A. R., 4 : 48
 Hemming, E. F., 4 : 48
 Heron, F. A., 6 : 41
 Hitchings, E. F., 2 : 64
 Hocken, M., 14 : 64
 Hodge, H., 2 : 64
 Hogarth, A. Moore, 12 : 64
 Holford, H. O., 6 : 41
 Hope, J., 4 : 48
 Horn, W., 4 : 48
 Horvath, Dr. G., 2 : 60
 Hudson, G. V., 11 : 61
 Imms, Dr. A. D., 14 : 64
 James, Russell, 8 : 70
 Johnstone, J. Forsyth, 9 : 48
 Jones, E. Dukinfield, 3 : 49
 Jones, H. Parry, 2 : 62
 Joy, E. C., 5 : 40
 Junk, Dr. W., 9 : 19
 Kenrick, Sir George, 4 : 48
 Kemner, N. V. A., 14 : 65
 Kellog, Prof. V. L., 2 : 64
 Keys, J. H., 6 : 41
 Lackschewitz, P., 1 : 57
 Ladell, W. R. S., 7 : 33
 Lamb, C. G., 6 : 41
 Lameere, Prof. A. A. L. G., 10 : 52
 Latter, M. P., 5 : 40
 Latter, O. H., 13 : 69
 Lawson, J. A., 13 : 68
 Levett, T. P., 3 : 49
 Levick, J., 6 : 41
 Lloyd, B., 9 : 48
 Lofthouse, T. A., 10 : 54
 Longsdon, D., 2 : 64
 Lundbeck, Dr. W., 10 : 52
 MacDougall, Dr. R. Stewart, 12 : 65
 Macfie, Dr. J. W. S., 13 : 68
 MacLeod, H. G., 5 : 40
 Main, Hugh, 13 : 68
 Marchal, Dr. Paul, 10 : 52
 Marshall, J. F., 14 : 65
 Massey, H., 5 : 40
 May, H. H., 8 : 70
 McLaine, Dr. Leonard S., 8 : 70
 Meyrick, Edward, 3 : 58
 Moore, Dr. A., 6 : 41
 Moore, H., 14 : 65
 Moore, J. W., 13 : 68
 Morton, K. J., 5 : 40
 Mosely, M. E., 13 : 69
 Moss, Rev. A. Miles, 12 : 65
 Murray, G. H., 12 : 65
 Myers, J. G., 7 : 34
 Newbold, W., 1 : 56
 Newman, L. J., 4 : 48
 Newman, L. W., 14 : 65
 Newstead, Prof. R., 12 : 65
 Nuttall, Prof. G. H. F., 2 : 64
 Oberthür, René, 9 : 47
 Page, H. E., 10 : 54
 Peebles, H. M., 9 : 48
 Pendlebury, H. M., 10 : 54
 Phillips, M. A., 4 : 48
 Piel, Rev. O., 11 : 61
 Pierce, F. N., 8 : 69
 Poulton, Sir Edward B., 8 : 67
 Priske, R. A. R., 10 : 54
 Prout, L. B., 8 : 69
 Rae, Mrs. M., 1 : 56
 Rebel, Prof. H., 6 : 41
 Richardson, A. W., 13 : 68
 Riddell, Miss J., 6 : 41
 Rippon, C., 9 : 48
 Ritchie, A. H., 1 : 57
 Roberts, Dr. J. E. H., 13 : 68
 Robinson, A., 13 : 68
 Robinson, Lady, 9 : 48
 Rogers, Rev. Canon K. StAubyn, 10 : 51
 Rose, A. J., 10 : 54
 Rothschild, Lord, 2 : 62
 Russell, F. S., 10 : 54
 Santschi, Dr. F., 6 : 41
 Schaus, W., 7 : 34
 Seitz, Dr. A., 3 : 60
 Selous, C. F., 11 : 61
 Semenov-Tian-Shansky, Prof. Dr. A. P., 10 : 53
 Sharp, E. P., 1 : 56
 Sheldon, W. G., 8 : 68
 Shephard-Walwyn, H. W., 4 : 48
 Sieh, A., 8 : 70
 Silvestri, Prof. F., 14 : 65
 Simon, P. H., 10 : 51
 Simpson-Hayward, G. H., 1 : 56
 Smart, H. D., 10 : 54
 Smee, C., 12 : 64
 Smith, B. H., 11 : 62
 Stanton, Sir Thomas, 3 : 59
 Stephens, Capt. J. A., 12 : 64
 Stewart, A. M., 13 : 68
 Stiff, Rev. A. T., 2 : 64

- Swynnerton, C. F. M., 3 : 59
 Tait, R., 4 : 48
 Taylor, F. H., 11 : 62
 Thornley, Rev. A., 12 : 64
 Tillyard, R. J., 1 : 56 ; 2 : 62
 Tonge, A. E., 4 : 48
 Turati, Count Emilio, 3 : 49
 Turner, Dr. A. J., 13 : 68
 Turner, R. E., 11 : 62
 Twidle, A., 1 : 56
 Urich, F. W., 2 : 63
 van Straubenzee, Brig.-Gen. C. H., 8 : 70
 Wainwright, C. J., 13 : 68
 Walker, Commander J. J., 3 : 60 ; 4 : 47
 Walker, S., 3 : 49
 Ward, J. J., 12 : 64
 West, Lt.-Col. R. M., 1 : 56
 Wheeler, Prof. Dr. W. Morton, 2 : 60
 Wheeler, Rev. George D. C., 12 : 65
 Whittaker, O., 7 : 35
 Whittingham, Rt. Rev. W. G., 6 : 41
 Wilkinson, D. S., 6 : 40
 Willey, A., 8 : 70
 Williams, L., 12 : 65
 Winn, A. F., 1 : 56
 Worthley, L. W., 2 : 64
obscura, *Araschnia levana prorsa* ab., 11 : 20
obscurus, *Agriotes*, 12 : 2
obsoleta, *Leucania*, 8 : 42
occitanicus, *Ludius ferrugineus* ab., 10 : 31
ocellalis, *Aglossa*, 9 : 2
ocellaris, *Cirrhia* [*Xanthia*], 8 : 43
ocellatus, *Smerinthus*, 9 : 48 ; 11 : 16
Ochlodes venata, 3 : 5
Ochromusca trifaria, 14 : 31
ochrosoma, *Stomoxys*, 6 : 14
Odontomutilla microcephala, 1 : 14
Oecophylla longinoda, 14 : 27
Oedaleonotus fuscipes, 4 : 10
Oenanthe phellandrium, Insects bred from, 14 : 47
 OESTRIDAE, 6 : 42, 47
Oligosthenus sp., 8 : 36
Oncopeltus fasciatus, 11 : 42
ononaria, *Aplasta*, 13 : 56 ; 14 : 55
Oophthora semblidis, 2 : 21
opaca, *Empis*, 11 : 33
Operophtera brumata, 14 : 24, 48
Opulus, *Viburnum*, 8 : 51, 52
Opulus sterile, *Viburnum*, 8 : 52
Orgilus spp., 5 : 15
Orgyia antiqua, 13 : 14
orientalis, *Vespa*, 11 : 28
 Orientation, Problem of, in insect migration, 13 : 70
ornatrix, *Utetheisa*, 13 : 53
Orthopelma sp., 8 : 36
 ORTHOPTERA SALTATORIA, Evolution of, 1 : 6
 ORTHOPTERA SALTATORIA in Jersey, 5 : 14
Osmia aurulenta, 1 : 5
Otiorrhynchus spp., 3 : 42
otitae, *Coleophora*, 5 : 2
otites, *Silene*, 8 : 30, 43
 Oviposition in a Chalcid, 14 : 24
 Oviposition in mosquitoes, 14 : 16
 Oviposition in a Muscid, 6 : 14
 Oviposition in an Ichneumonid, 14 : 24
 Oviposition in PHASMIDAE, 4 : 10
padellus, *Hyponomeuta*, 4 : 50 ; 8 : 53
pallens, *Leucania*, 4 : 26
pallidipes, *Glossina*, 1 : 10
pallidiventris, *Tachydromia*, 13 : 33
pallidula, *Tinodes*, 14 : 47
Palophus sp., 13 : 53
palpalis, *Glossina*, 1 : 10
paludellus, *Crambus*, 8 : 46
palustre, *Peucedanum*, 8 : 30, 43
palustris, *Potentilla*, 8 : 47
Panacra mydon, 13 : 14
Panaxia dominula, 9 : 29, 52, 54
Pandemis spp., 5 : 15
paniceum, *Sitodrepa*, 8 : 52
paphia, *Argynnis* [*Dryas*], 3 : 5 ; 9 : 50
Papilio spp., 1 : 11, 22 ; 2 : 53 ; 3 : 37 ; 7, 11 ; 8 : 30, 43 ; 9 : 50 ; 11 : 41, 64, 66, 68 ; 13 : 24
 PAPILIONIDAE, 8 : 26 ; 11 : 36
paradoxa, *Charaxes*, 11 : 20
paradoxa, *Entephria caesiata* form, 2 : 25
paradoxa, *Pseudopontia*, 11 : 6
parallelus, *Chorthippus*, 12 : 34
paraplecticus, *Lixus*, 14 : 47
Pararge maera, 3 : 5
Parascotia fuliginaria, 11 : 25
Parasemia plantaginis, 9 : 29, 50
 Parasite and host relationship in polyphagous species, 8 : 53
 Parasite and host relationship in Mallophaga, 13 : 45
 Parasite and host relationship and taxonomy, 13 : 44
 Parasitism in insects, 6 : 42 ; 8 : 53 ; 12 : 39 ; 13 : 44, 45 ; 14 : 18, 24
 Parental care of eggs and young, Cases of, in beetles, 9 : 22 ; 14 : 41
parinda, *Papilio polymnestor* s.sp., 1 : 11
Parnassius mnemosyne, 1 : 13
parthenias, *Brephos*, 13 : 53
 Parthenogenesis, Both sexes produced by, 14 : 37
parvifolia, *Tilia*, 8 : 30, 43
parvipennis, *Orgilus*, 5 : 15
pascuellus, *Crambus*, 8 : 46
pasithoe, *Delias*, 6 : 22
Passalactis spp., 1 : 21
Pediculus spp., 2 : 6 ; 8 : 34 ; 9 : 34 ; 11 : 24
pela, *Coccus*, 10 : 10
penricei, *Charaxes*, 11 : 20
peregrina, *Schistocerca*, 12 : 37
Perichistia sp., 8 : 36
Peridroma porphyrea (= *Agrotis saucia*), 13 : 37
perlellus, *Crambus*, 8 : 46
Peronea rufana, 4 : 32
Perrhybris malenka, 11 : 67
persicae, *Myzus*, 4 : 52
personatus, *Reduvius*, 14 : 42
 Perspiration, Human, *Ochlodes venata* attracted to, 3 : 5

- pertinax*, *Eristalis*, 8: 47
 Pests, New in Britain, of Columbine, 12: 29
 Pests, New in Britain, of Larch, 11: 25
 Pests, New in Britain, of Leeks, 9: 2
 Pests, New in Britain, of stored products, 9: 2
 Pests, New in Britain, of *Viburnum tinus*, 9: 33
Peucedanum palustre, 8: 30, 43
phalaenoides, *Psychoda*, 9: 11
 Phase differentiation in Grasshoppers, *Chorthippus* spp., 1: 65
 Phase differentiation in Locusts, 1: 64; 2: 10
phellandrii, *Prasocuris*, 14: 47
 Phenology, Discussion on, 10: 19, 25
philodice, *Colias*, 9: 50
Phlogophora meticulosa, 11: 16
Phodaga alticeps, 4: 10
Phoebis eubule, 3: 26
 PHORIDAE, 6: 47; 13: 52
 PHORIDAE, Wingless specimens of, from mantle-cavity of the African Giant Forest Snail, 13: 52
Phornia terrae-novae, 2: 26
Phragmites communis, 8: 29, 42
phragmitidis, *Arenostola*, 8: 42
Phylaria cyara, 11: 67
phylloides, *Mormolyce*, 14: 50
Phyllotreta spp., 9: 27
 Phylogenetic relationships between parasite and host in Mallophaga, 13: 45
 Phylogeny of short-horned grasshoppers, 6: 9
 Phylogeny of weevil larvae, 2: 14, 17
 Physiology of Honey bee, 13: 2, 8
pictus, *Stenopelmatus*, 2: 37
 PIERIDAE, 6: 22; 11: 67
Pieris spp., 2: 18, 19; 3: 11; 5: 29; 7: 11; 8: 43; 12: 43; 13: 71, 73, 78-80
 Pigmentation of body louse, 11: 24
 Pigments in Lepidoptera, Bearing of, on classification, 6: 7, 22; 8: 26
Pimpla spp., 2: 17; 5: 29; 8: 53
pinastri, *Hyloicus*, 9: 23
piniaria, *Bupalus*, 8: 29, 42
pinicola, *Apanteles*, 9: 14
Pinus sylvestris, 8: 29, 42; 9: 14
pipiens, *Culex*, 3: 17
 PIPUNCULIDAE, 6: 47
 Pitcher-plant, A caterpillar inhabiting pitchers of a, 12: 7
Planema (= *Bematistes*) spp., 1: 2; 11: 66-73
plantaginis, *Parasemia*, 9: 29, 50
 Plants and insects, Inter-relation between, 8: 29, 39-55
 Plants and insects, Preservation of colours, etc., of, 9: 5
 Plastron respiration, Insects adapted for, 11: 19, 25
Platycis cosnardi, 9: 24
Platycleis grisea, 2: 37
Platypsyllus spp., 6: 48
Platystethus arenarius, 9: 22
Plemyria bicolorata, 8: 30, 43
Plesiocoris rugicollis, 4: 49
plexippus, *Danaus*, 5: 18; 7: 2, 15; 13: 71, 72, 75, 81
Plovariola spp., 8: 22
Plovariola spp., Habitats of, 8: 22
plummistaria (= *plumistaria*), *Fidonia*, 2: 14
Plusia gamma, 11: 16; 12: 42; 13: 79, 81
Plutella maculipennis, 4: 18; 13: 37
Poecilopsis, 9: 52
poggei, *Bematistes*, 11: 69
Poinciana regia, 11: 36
 Pollen, Carriage of, by *Papilio*s, 11: 36, 41
 Pollination, Insect, observations regarding, 8: 29, 39; 12: 2, 7
Polyblastus spp., 1: 22; 14: 24
polychloros, *Nymphalis* [*Vanessa*], 1: 5; 8: 43
polycommata, *Nothopteryx*, 8: 42
 Polymbryonism in Hymenoptera, 5: 15; 13: 53
Polygonia c-album, 12: 42
Polygonum nodosum, 8: 40
polymnestor, *Papilio* (*Iliades*), 1: 11
 Polymorphism in Butterflies, *Tanaecia* spp., 5: 10, 13
 Polymorphism in Ants, 6: 14
Polyrhachis acantha, 1: 1
polyspila, *Nematus* (*Pteronidea*), 14: 37 (footnote)
polytes, *Papilio*, 9: 50
polytomum, *Diprion*, 2: 10
pomonella, *Rhagoletis*, 3: 46
 POMPLIDAE, 6: 43
Pontia daplidice, 10: 31; 12: 43
Poponocranium ludicrum, 12: 44
 Populations, Great increase in, may be disadvantageous, 8: 54
 Populations, Methods of study of, 8: 2; 10: 20; 14: 34
 Populations, Natural controlling factors of, 8: 2, 29, 30, 44; 10: 20; 14: 18, 34
 Populations, Relationship between numbers of species and individuals, 7: 7
populi, *Laotoë*, 9: 23, 48
porcellus, *Deilephila* [*Pergesa*], 9: 52
Porizon sp., 8: 36
porphyrea, *Peridroma*, 13: 37
postvittana, *Tortrix*, 4: 26, 55
Potentilla spp., 8: 45, 47
Prasocuris phellandrii, 14: 47
Precis sophia, 4: 10
 Pressure sense, Organs of, in aquatic insects, 12: 17
priamus, *Troides*, 1: 22
priamus group, *Troides*, 8: 10
primarius, *Cryptocephalus*, 9: 23
Priophorus tener, 14: 37 (footnote)
Pristiphora alnivora, 12: 29
prolixus, *Rhodnius*, 1: 1, 33
Promecotheca reichei, 13: 40, 47
Pronuba sp., 8: 39
prorsa, *Araschnia levana* form, 2: 19; 11: 20
 Protective devices in beetle pupae, 11: 13
 Protective resemblance, A new example of, 9: 14
Protichneumon genus, 6: 43
Protocerus colossus, 14: 50

- Protonotus* genus, 11 : 72
Protylocera (*Senaspis*) *elliottii*, 8 : 19
Prunus spinosa, 8 : 53
Psephenoides genus, 12 : 6
pseudacorus, *Iris*, 8 : 51
Pseudacraea spp., 11 : 62, 68-73 ; 14 : 48
Pseudoclavellaria amerinae, 14 : 37 (foot-note)
Pseudopontia paradoxa, 11 : 6
Psithyrus spp., 2 : 9 ; 6 : 43
Psychoda phalaenoides, 9 : 11
 PSYCHOMYIDAE, 14 : 47
 PSYLLIDAE, 13 : 6
Pteromalus puparum, 5 : 29
 PTILODACTYLIDAE, 11 : 13
Ptinus spp., 9 : 2 ; 11 : 45
Ptychomyia remota, 1 : 65
pudica, *Euprepia*, 13 : 28
puncticollis, *Bythinus*, 9 : 36
punctulata, *Phyllotreta*, 9 : 27
 Pupae, beetle, Gills of some aquatic, 12 : 6
 Pupae, beetle, Protective devices in, 11 : 13
puparum, *Pteromalus*, 5 : 29
 Pupation, premature, Parasites as cause of, in host, 14 : 18
pupillata, *Epirrhoë* [*Cidaria*], 14 : 37
pupillaria, *Cosymbia*, 11 : 37
pygmaeus, *Nomeas*, 2 : 11
 PYRALIDAE, 8 : 49
Pyralis spp., 9 : 2, 6, 29
Pyralis glaucinalis L., Systematic position of, 9 : 6
Pyrgus [*Hesperia*] *malvae*, 8 : 45
Pyrrhidium sanguineum, 14 : 31

quadricolor, *Bematistes*, 11 : 70, 71
quadridens, *Cephalotes*, 10 : 39
quadripunctata, *Clytra*, 10 : 17
Quercus spp., 8 : 41 ; 13 : 4
quercus, *Kermes*, 14 : 20
Quiscalus crassirostris, 10 : 14

 Races, Biological, with different food-plants, 8 : 30, 49
 Races, Biological, with different behaviour to same host, 11 : 22
raji betulae, *Aranea*, 14 : 41
 Range of insects related to range of food-plants and structure of plant communities, 8 : 30, 44
Ranunculus acer, 8 : 52
rapae, *Pieris*, 2 : 18 ; 7 : 11 ; 8 : 43
raptor, *Ptinus*, 9 : 2
reducta, *Lype*, 14 : 47
 REDUVIIDAE, Stridulation in, 14 : 34, 42
Reduvius personatus, 14 : 42
regia, *Poinciana*, 11 : 36
reichei, *Promecotheca*, 13 : 40, 47
 Relationship between numbers of species and individuals in a random sample, 7 : 7
remota, *Ptychomyia*, 1 : 65
 Rennell Island, New *Euploea* from, and notes on fauna of, 13 : 51
repanda, *Netrocoryne*, 1 : 18

 Respiratory lobes, Functions of, in Tsetse-fly larvae, 12 : 18
Rhagoletis pomonella, 3 : 46
Rhipidius genus, 6 : 48
 RHIPIPHORIDAE, 6 : 48
Rhodites spp., 8 : 36
Rhodnius prolixus, 1 : 1, 33
rhododactylus, *Euenamidophorus*, 14 : 55
rhododendri, *Stephanitis*, 3 : 41, 42
 Rhododendrons, Insect pests of, 3 : 41
Rhometra sacraria, 12 : 42, 44 ; 13 : 41
Rhyacionia buoliana, 8 : 53
ribesii, *Syrphus*, 8 : 47
ricinus, *Ixodes*, 8 : 9
robur, *Quercus*, 8 : 41 ; 13 : 4
robinaria (?), ab. of *Biston strataria*, 8 : 19
roeslii, *Metrioptera*, 2 : 2
 Rose-galls (*Rhodites* spp.), Inter-relationship of inquilines and parasites of, 8 : 36
rubens, *Apion*, 12 : 19
rubrum, *Chenopodium*, 8 : 40
Rubus spp., 8 : 45
rubus, *Butocera*, 13 : 28
Rubus species, Tortricid pests of cultivated, 4 : 14
ruferatus, *Bombus*, 2 : 10
rufa, *Formica*, 10 : 14, 17
rufana, *Peronea*, 4 : 32
rufa, *Vespula*, 12 : 13
ruficollis, *Pimpla*, 8 : 53
rugicollis, *Plesiocoris*, 4 : 49
ruginodis, *Myrmica*, 7 : 10
rugosa, *Achatina*, 13 : 52
rupestris, *Psithyrus*, 2 : 10

sabatia, *Ageronia februa* s. sp., 13 : 28
sabuleti, *Myrmica*, 10 : 34, 39
sacraria, *Rhometra*, 12 : 42, 44 ; 13 : 41
Saissetia sp., 14 : 27
Salix medemi, 8 : 39
salmonicolor, *Aglais urticae* ab., 11 : 38
 Salt, Use of, to prevent mould, 12 : 13
sanguinea, *Formica*, 5 : 29
sanguineum, *Pyrrhidium*, 14 : 31
sanguineum, *Sympetrum*, 12 : 34
 Sap-suckers, Role of, 8 : 49
 SAPYRIDAE, 6 : 44, 45
Sataspes infernalis, 12 : 11
saucia, *Agrotis* (= *porphyrea*, *Peridroma*), 13 : 37
 Scales of Lepidoptera, Shape and molecular orientation in, 7 : 9
Schistocerca peregrina, 12 : 37
schubotzi, *Bematistes*, 1 : 2
scutulum, *Coenagrion*, 11 : 30
 SCOLIIDAE, 6 : 43
 SCOLYTIDAE, 8 : 48, 49
Scopula [*Acidalia*] *immorata*, 11 : 48 ; 12 : 54 ; 13 : 56 ; 14 : 55
Scrophularia spp., 8 : 42 ; 12 : 2
scutosa, *Heliothis*, 3 : 45
Sedina buettneri [*buettneri*], 10 : 36 ; 13 : 42 ; 14 : 55
 Seed-destroying insects, Effect of, 8 : 49
 Seeds, Sticky, attracting and trapping butterflies, 10 : 35

- selene*, *Argynnis*, 13 : 14
Selenia bilunaria, 9 : 51
semlididis, *Oophthora*, 2 : 21
senegalensis, *Terias*, 13 : 75
senior, *Xylocopa*, 8 : 19
 Sepsid flies, Swarms of, noted, 12 : 37
Sepsis spp., 12 : 37, 38
sepulchralis, *Eristalis*, 8 : 47
sericata, *Lucilia*, 1 : 2 ; 2 : 26 ; 5 : 14
sericea, *Blastothrix*, 1 : 65
Serratula tinctoria, 8 : 29, 43
sesquipedale, *Angraecum*, 8 : 39
sessiliflora, *Quercus*, 8 : 41
Setaria verticillata, 11 : 25
 Sewage filters, Fly fauna of, 11 : 38
 Sex-controlled forms in insects, 9 : 50
 Sex-determination in ants, 6 : 14
 Sex-determination in insects, 9 : 48, 49
 Sex-limitation in insects, 9 : 50
 Sex-linkage in Diptera, 9 : 48
 Sex-ratio in head-lice, 2 : 6
Sharpides, 6 : 48
 Sheep, Species of blowflies attacking, in Great Britain, 2 : 26
 Shoot-borers, Effects of, on forest distribution, 8 : 49
Sialis lutaria, 2 : 21
sibericus, *Gomphocerus*, 3 : 21
Silene spp., 8 : 29, 30, 43
silhetensis, *Theretra*, 13 : 14
similella, *Nephopteryx*, 8 : 46
simulans, *Drosophila*, 9 : 49, 52
Sinapis sp., 8 : 43
sinapis, *Leptidia*, 8 : 8
singularis, *Ezsul*, 14 : 50
singularis, *Otiorrhynchus*, 3 : 42
 SIPHONAPTERA, 6 : 47
Sirex spp., 5 : 10
 SIRICIDAE, Species of, found in Britain, 5 : 10
sissoo, *Dalbergia*, 8 : 49
Sisyphus spp., 3 : 46
Sitodrepa paniceum, 8 : 52
Sitona humeralis, 8 : 15
Sitophagus hololeptoides, 9 : 2
Sitophilus (= *Calandra*) spp., 5 : 32
smaragdaria, *Euchloris*, 8 : 42
 Smeathman, Henry, Notes on life of, 6 : 18
Smerinthus ocellatus, 9 : 48 ; 11 : 16
 Snow background, activity against, 14 : 47, 48
socia, *Lithophane*, 3 : 17
sociella, *Aphomia*, 12 : 39
Solidago sp., 8 : 29
solidus, *Meligethes*, 12, 19
Somotrichus unifasciatus, 9 : 2
sophia, *Precis*, 4 : 10
sorbi (*laevigatum*), *Apion*, 14 : 31
 Sound-production in insects, Methods and significance of, 13 : 22, 27
 Sound-production in insects, Records of, 13 : 53
 Speciation in Mauritius, 3 : 46
 Speciation in Hawaii, 13 : 36, 42
Spergularia spp., 8 : 29
Sphaerularia bombi, 12 : 39
 SPHEGIDAE, 6 : 42
Sphex aegyptiacus, 12 : 37
 SPHINGIDAE, 12 : 11
Sphinx ligustri, 11 : 30
 Spiders, Egg-sacs of, as hosts of parasitic Hymenoptera, 6 : 46
 Spiders, Eggs of, as food for Dermestid larvae, 7 : 18
 Spiders, Webs of, as foci for Dermestid infestations, 7 : 18
 Spiders, Wind-borne invasions of, 12 : 44
Spilochalcis sp., 8 : 7
Spilosoma lutea, 4 : 32
spinosa, *Ceratrimeria*, 14 : 49
spinosa, *Prunus*, 8 : 53
sputator, *Agriotes*, 12 : 2
Stagmomantis sp., 4 : 10
 STAPHYLINIDAE, 11 : 42 ; 12 : 38
statira, *Catopsilia*, 13 : 70, 81
Stenopelmatus pictus, 2 : 37
Stephanitis rhododendri, 3 : 41, 42
 STICHOTREMATOIDEA, 6 : 49
Stomatorrhina lunata, 12 : 37
Stomoxys ochrosoma, 6 : 14
 STREPSIPTERA, 6 : 21, 42, 43, 48, 49
 STREPSIPTERA, Taxonomic position, 6 : 48
 Stridulation in Cicadas, 4 : 10
 Stridulation in Coleoptera, 1 : 14 ; 13 : 28 ; 14 : 41
 Stridulation in Grasshoppers, 4 : 10 ; 13 : 22 ; 14 : 42
 Stridulation in Lepidoptera, 1 : 13 ; 13 : 22, 28
 Stridulation in Reduviidae, 14 : 34, 42
striolatum, *Sympetrum*, 12 : 43
Struthidea sp., 10 : 14
 STYLOPIDAE, 6 : 48
submorsitans, *Glossina*, 2 : 7
 Sugars, Plant, needed by Mosquitoes, 14 : 42
sulcatus, *Otiorrhynchus*, 3 : 42
 Sun, a factor in locust migrations, 13 : 12, 20
 Sun, Influence on migrating species, 13 : 76
 Swarming, 3 : 9 ; 6 : 3 ; 12 : 37, 38 ; 14 : 42
Swietenia sp., 8 : 49
 Swimming, Records of Lepidopterous larvae, 1 : 8
sylvellus, *Crambus*, 8 : 46
sylvestris, *Pinus*, 8 : 29, 42 ; 9 : 14
Sympetrum spp., 11 : 30 ; 12 : 34, 43
Synergus sp., 8 : 36
 SYNTOMIDAE, 13 : 28
syriaca, *Asclepias*, 11 : 42
 SYRPHIDAE, 8 : 45
Syrphus spp., 8 : 47
 Systematics, entomological, Two works of importance, 10 : 34
 TABANIDAE, 6 : 46 ; 12 : 11 ; 13 : 28
Tabanus spp., 6 : 3 ; 14 : 16
 TACHINIDAE, 6 : 42, 47
tachinoides, *Glossina*, 2 : 7
Tachydromia pallidiventris, 13 : 33
tages, *Erynnis* [*Hesperia*], 8 : 45
Tanaecia spp., 5 : 10, 13
 Tasmania, Insects of special interest from, 10 : 23

- tasmaniensis*, *Apteropanorpa*, 10 : 24
 Taxonomy of larvae of Carabidae, 6 : 18
 Taxonomy, bearing of parasite-host relationship on, 13 : 44
tectus, *Ptinus*, 11 : 45
Tegenaria domestica, 7 : 18
Tegrodera erosa, 4 : 10
tellus, *Bematistes*, 11 : 71
tenax, *Eristalis*, 8 : 47
Tenebrio molitor, 3 : 6
 TENEBRIONIDAE, 8 : 14 ; 11 : 13
tenella, *Acraea acerata* ssp., 4 : 25
tener, *Priophorus*, 14 : 37 (footnote)
 TENTHREDINIDAE, 8 : 49
 Teratology in insects, 1 : 13, 22 ; 3 : 17 ; 4 : 27 ; 12 : 29 ; 14 : 12
Terias senegalensis, 13 : 75
 Termitaria, suggested reasons for shapes of, 14 : 51
 Termites, Method of rearing in captivity described, 14 : 20
 Termites, Value of, in forest growth and renewal, 8 : 51
 Termitophilous Tineid larva, 1 : 21
 Termitophilous African fly, 4 : 9
Termitoxenia, 13 : 52
terpsichore, *Acraea*, 10 : 35
terrae-novae, *Phornia*, 2 : 26
terrestris, *Bombus*, 8 : 23
 Tetra-chlor-ethane, Care required in use of, as killing agent for insects, 14 : 19
Tetramorium caespitum, 8 : 48
Tetraopes tetraophthalmus, 2 : 5
tetraophthalmus, *Tetraopes*, 2 : 5
Tettigarcta tomentosa, 10 : 23
Thalera fimbrialis, 7 : 6
Thanassimis mutilloides, 1 : 14
Thanoclerus buqueti, 9 : 2
Thaumatoxena spp., 4 : 9, 10
Theretra silhetensis Walker misidentified, 13 : 14
Thermophila, 14 : 37
thoracicus, *Macrocentrus*, 5 : 15
 THORICIDAE, 14 : 36
 THORICTIDAE, myrmecophily questioned, 14 : 36
 THYNNIDAE, 6 : 42
Thysanus ater, 14 : 50
 Tibet, Eastern, Entomological, etc., notes on, 10 : 9
Tilia parvifolia, 8 : 30, 43
Timarcha goettingensis (*coriaria*), 14 : 12
Tinaea fuscipunctella, 8 : 26
tinctoria, *Serratula*, 8 : 29, 43
Tineola bisselliella, 10 : 22
Tinodes spp., 14 : 47
tinus, *Viburnum*, 9 : 33
Tipula sp. n., 14 : 47
 TIPULIDAE, Subapterous species of, 14 : 47
Tisiphone abeona, 1 : 18
tomentosus, *Byturus*, 4 : 51
tomentosa, *Tettigarcta*, 10 : 23
tonsa, *Sepsis*, 12 : 37
tortricis, *Litomastix*, 13 : 53
Tortrix spp., 4 : 26, 55 ; 8 : 41, 46 ; 11 : 33
 TORYMINAE, 6 : 43
Torymus sp., 8 : 36
trachelium, *Campanula*, 8 : 30, 43
triangularis, *Exbulus*, 14 : 41
Trichogramma spp., 2 : 21 ; 11 : 22
trifaria, *Ochromusca*, 14 : 31
trifolii, *Zygaea*, 5 : 14
Trinophylum cribratum, 12 : 50 (46 bis) ; 13 : 4
Triphaena comes, 13 : 53
 Tristan da Cunha, Lepidoptera from, 13 : 37
Trochalopteron spp., 10 : 13
Trogoderma megatomoides, 6 : 18
Trogus genus, 6 : 43
Troides spp., 1 : 13, 22 ; 8 : 10
Trombicula spp., 9 : 17, 18
Tropaeolum sp., 8 : 43
Trophocampa (*Casinaria*) *vidua*, 2 : 18
Trox spp., 12 : 37
 Tsetse flies, Ecological study and control of, 1 : 9
 Tsetse flies, Fatal effect of cross-pairing between some, 11 : 10
 Tsetse flies, Field of vision in, 2 : 7
 Tsetse flies, halteres of, Structure and functions of, 12 : 18
 Tsetse flies, respiratory lobes of larvae of, Function of, 12 : 18
Tunga caecigena, 8 : 34
 TUNGINAE, 8 : 34
 Tymbals, Sound-production by, in insects, 13 : 22
 Typhus, Mite-carried, entomology of, 9 : 17
uddmanniana, *Notocelia*, 4 : 14
uliginosellus, *Crambus*, 8 : 46
Ulmus spp., 8 : 29, 30, 42
ultimella, *Depressaria*, 14 : 47
 Ultra-violet light, Use of, in the study of insect movement at night, 12 : 28
umbratus, *Lasius*, 5 : 23
ungulans, *Macronichia*, 11 : 30
unicolor, *Bruchidius*, 12 : 19
unifasciatus, *Somotrichus*, 9 : 2
unionalis, *Margaronia* [*Margarodes*], 11 : 7 ; 14 : 49
Urocerus gigas, 5 : 10
Urophora jaceana, 14 : 18
Uroxys genus, 6 : 48
urticae, *Aglais*, 11 : 20, 38
Urtica spp., 8 : 29
Utetheisa ornatrix, 13 : 53
vagabunda, *Ploiariola*, 8 : 22
valesina, *Argynnis paphia* ab., 9 : 50
Vanessa spp., 1 : 6, 22 ; 3 : 26 ; 4 : 2 ; 12 : 42 ; 13 : 38, 71-73, 76, 81
 Variability, Correlation between numbers and, noted, 8 : 3
 Variation affected by humidity, 11 : 20
 Variation, Geographical, in butterflies, 5 : 10, 13
 Variation, Parallel, in Palearctic butterflies, 9 : 6
 Variation, Pigmentary, in *Pediculus humanus*, 11 : 24

Variation, Three forms of, in a Cetoniid beetle, **14** : 51
variegana, *Argyroploce*, **5** : 15
 Vectors, Insect, of human diseases, **9** : 17, 18
 Vectors, Insect, of plant diseases, **8** : 40, 49 ;
11 : 39 ; **12** : 29 ; **14** : 27
venata, *Ochlodes*, **3** : 5
verbasci, *Cucullia*, **8** : 43
Verbascum spp., **8** : 42
verticillata, *Setaria*, **11** : 25
Vespa spp., **5** : 9, 14 ; **11** : 28
Vespula [*Vespa*] spp., **1** : 14 ; **5** : 18, 21 ;
6 : 43 ; **10** : 11 ; **12** : 13 ; **13** : 28
Viburnum spp., **8** : 51, 52 ; **9** : 33 ; **13** : 8
victoriae regis, *Troides*, **1** : 13
vidua, *Trophocampa* (*Casitaria*), **2** : 18
villica, *Arctia*, **9** : 29
villiger, *Ptinus*, **9** : 2
 Vine Tortrix, Trapping of, by assembling,
9 : 7
vinula, *Cerura*, **8** : 54
virgatus, *Lestes*, **1** : 17
virgaureana, *Cnephasia*, **1** : 25
viridana, *Tortrix*, **8** : 41, 46 ; **11** : 33
viridans, *Drosophila*, **9** : 49
 Vitamins, **1** : 1 ; **10** : 12
vitripennis, *Syrphus*, **8** : 47
Volucella zonaria, **10** : 34
vorax, *Anthrenus*, **9** : 2
vulgaris, *Lysimachia*, **8** : 30
vulgaris, *Vespula* [*Vespa*], **1** : 14 ; **5** : 18,
21 ; **10** : 11
vilgatum, *Sympetrum*, **11** : 30 ; **12** : 34

waeneri, *Tinodes*, **14** : 47
wakefieldi, *Euxanthe*, **3** : 38
 Wallace, A. R., Unpublished letter from,
4 : 21
waltoni, *Apion*, **12** : 19
Wandolleckia biformis, **13** : 52
wardi, *Anemopsysche* (*Agirpa*), **4** : 25
 Warning coloration among birds, **11** : 28, 33
wasmanni, *Thaumatoxena*, **4** : 10
 Wasps, Adoption of nests of, by queen of
 another species, **5** : 18, 21, 29
 Wasps, Distribution of, in Great Britain,
8 : 22

Wasps, Parasitism in, **13** : 44
 Wasps, Pollination of figwort by, **12** : 2, 7
 Wasps, Usurpation of nests of, by queen of
 same species, **12** : 14
 Wasps, Wing-hooks of, significance of
 number of, **14** : 2, 8
 Wasps, Wool used in a nest of common,
10 : 11
 Weather and insects, Correlation between,
10 : 20, 25
willughbiella, *Megachile*, **13** : 20
 Wind, Importance of, as a factor in migra-
 tions, **13** : 12, 20, 76
 Winglessness, Factors inducing, **14** : 48
 Wings, Notes on venation and tracheation
 in, of Lepidoptera, **7** : 11
 Wings, Prints of butterfly, on paper, sug-
 gested cause of, **11** : 38
 Wings, reduced or enlarged in certain
 localities, **14** : 48, 50
 Wireworms, Behaviour of, when seeking
 food, **12** : 2
 Wood-borers, Destructive effects of, in
 forests, **8** : 48
 Wood-boring habit, A Tinea larva with
 a, **8** : 26

XENOIDEA, **6** : 49

Xylcopa senior, **8** : 19

Yucca filamentosa, **8** : 39

zebeana, *Grapholitha*, **11** : 25
zetes, *Acraea*, **11** : 25
 Zeugloptera, Validity of the Order, **12** : 50
 (46 bis)
zonaria, *Nyssia*, **9** : 48
zonaria, *Volucella*, **10** : 34
Zygaena spp., **2** : 37 ; **5** : 14 ; **11** : 65

Erratum.

Vol. 14, p. 6, for "*Stenopelinus*" read
 "*Stenopelmus*."

PRINTED BY ADLARD AND SON, LIMITED,
BARTHOLOMEW PRESS, DORKING.